Editorial Board:

Chairman : Prof. Sanjeev Misra
Chief Editor : Dr. Arvind Sinha
Editors : Dr. Rajesh Sharma, Dr. Poonam Elhence
Dr. Amit Goyal, Dr. Pankaj Bhardwaj, Dr. Neeraj Gupta
Dr. Pushpinder S. Khera, Dr. Saptarshi Mandal

Students’ Representatives : Sarthak, Nagma Sheenam
MESSAGE

I extend my heartiest greetings to all on the publication of the fourth issue of ‘ROHIDA’. I am sure this issue will also serve to enthral all the readers as it has been doing in its previous issues.

In my previous messages, I had highlighted the importance of an Institute like AIIMS, Jodhpur in achieving four major milestones vis-a-vis Academics, Patient care, Research and outreach to the community. I again emphasize the importance of these pillars upon which a great Institute is built and at AIIMS Jodhpur, we all strive for that. I take pride in sharing my satisfaction with one and all, in the strides taken to attain these goals.

The Hospital services were started with the inception of the Basic OPD services on 27th July, 2013. The OPD has had more than 1.17 lakh new registrations in the one year period (1st September, 2014 to 31st August, 2015). In the same period, more than 1.12 lakh individual and unique patients utilized its services. The patient management system is entirely computerized and the entire hospital management is paperless. Short messaging services (SMS) have also recently been introduced. These SMSes are sent as reminders to the patients about their next impending OPD visits. The concept of SMS reminders harbours immense possibilities with regards to improving patient care. I believe that with these innovations, we will be able to deliver quality health care.

The Laboratory services have also been expanded with the inauguration of a separate Centralized Laboratory Block and Blood Bank on 6th June, 2015 by Shri JP Nadda, Honourable Minister of Health & Family Welfare, Government of India. To minimize patient discomfort, a central Sample collection centre is established in one block in the OPD complex.

The Inpatient Department (IPD) services were started after the inception and stabilization of the OPD services. Our first patient was admitted on 5th February, 2014.

To provide care to the critical patients, Intensive Care Units (ICUs) have been setup in the IPD section. The Intensive Care units have been equipped with advanced ventilators and monitoring equipments to improve patient outcomes. These include an Adult ICU, a Pediatric ICU and a state-of-the-art Neonatal ICU.

Application of basic medical sciences to clinical methods has a paramount role in Medical Education and I can proudly state that, We, at AIIMS Jodhpur, have achieved this goal with success.

I also extend my heartiest congratulations to the Editorial Board of ‘Rohida’ for taking out invaluable time from their busy schedules to make this fourth issue of ‘Rohida’ a success and also, all the Faculty members and students who have actively contributed to the magazine.

Prof. Sanjeev Misra
Director & CEO
AIIMS, Jodhpur
MESSAGE

Dear Readers,

It is indeed a pleasure and a privilege to be presenting the 4th Issue of the Institutional Magazine "Rohida"- The Communiqué. It really has come a long way since its modest beginnings.

‘Rohida’ details the latest happenings and milestones at the Institute. It serves to document the progress that AIIMS at Jodhpur has made in the last one year. It has really been an exciting journey, this last year. Clinical work has started in full earnest with the wards, OPDs and the operating theaters routinely running full. More than 500 students are staying on the campus and the campus bears a lively, festive atmosphere due to the energy of youth. The eternal “medical” cycle of studying, examinations and relaxation goes on unabated. AIIMS, Jodhpur has also been making a name in academic circles with the Institute playing host to multitude of conferences in the last one year.

‘Rohida’ also tries to give vent to the literary/creative streak in both our students and the Faculty. I am glad that, like last year, the participation to the literary section has been very good.

I wish to thank my co-editors for taking out time from their busy schedule to help out in collating, editing and typesetting.

I hope that you will enjoy this issue.

Regards


Dr. Arvind Sinha
Chief Editor
MILESTONES

20th-24th Sep 2014 : First Respondent Training for Rajasthan Police Commando Team
1st Nov 2014 : Launching of Pentavalent vaccine at Outreach Center by Dept of CMFM in collaboration with WHO & State Health Authority
22nd Nov 2014 : CME on Programmatic Management of Multi Drug Resistance Tuberculosis
1st-5th Dec 2014 : Workshop on Public Health Ethics
10th-13th Dec 2014 : 41st National Conference of Association of Clinical Biochemists of India (ACBICON 2014)
12th Jan 2015 : National Youth Day celebration at AIIMS, Jodhpur
14th-15th Feb 2015 : ISMOCON 2015 Indian Society of Oncology Midterm Conference
8th Mar 2015 : International Women’s day celebration
12th Mar 2015 : 2nd Standing Finance Committee Meeting
13th Mar 2015 : 1st Adhoc Dean’s Academic Committee Meeting
14th Mar 2015 : 1st Adhoc Dean’s Student Welfare Committee Meeting
19th-21st Mar 2015 : AO Trauma Course - Basic Principles of Fracture Management
6th Apr 2015 : Institute Body Meeting
6th-7th Apr 2015 : NAMS - AIIMS Symposium & National Level Inter College Quiz competition on “Food safety” on World Health Day
8th Apr 2015 : 1st Adhoc Dean’s Examination Committee Meeting
8th Apr 2015 : 1st Adhoc Dean’s Research Committee Meeting
9th Apr 2015 : 1st Adhoc Staff Council Committee Meeting
12th Apr 2015 : CME on Blood Safety
23rd Apr 2015 : Institute started its Cochlear Implant Programme
1st May 2015 : Workshop on Laparoscopic Surgery
14th May 2015 : 1st Academic Committee Meeting
6th Jun 2015 : Visit of Hon’ble Health Minister, Govt. of India at AIIMS, Jodhpur
6th Jun 2015 : Inauguration of Centralized Laboratory Complex and Blood bank by Hon’ble Health Minister, Govt. of India
6th Jun 2015 : Inauguration of Physical Medicine and Rehabilitation Block by Hon’ble Health Minister, Govt. of India
6th Jun 2015 : Inauguration of Computerized Patient Management System (CPMS) by Hon’ble Health Minister, Govt. of India
21st Jun 2015 : International Yoga Day Celebration
17th Jul 2015 : Blood Donation Camp on occasion of Foundation day of Bank of Baroda
25th Jul 2015 : First AIIMS Jodhpur Certified BLS Course
31st Jul 2015 : UROGYNE workshop
Departmental Achievements

Department of Anesthesiology

New Services /Technology/Investigations:
1. Conducted Fundamentals of Critical Care Support Course (FCCS) on 6th & 7th December 2014, in which 50 delegates participated from all over India.
2. Developed AIIMS Jodhpur Certified Basic Life Support Course, which is a half day workshop, held once a month to teach skills of Cardio Pulmonary Resuscitation and Airway management in cases of sudden cardiac arrest or collapse within Hospital settings.

Dr. Pradeep Bhatia
Articles Published/Accepted: 4
Awards: 3
1. FICCM awarded by Indian College of Critical Care Medicine on 6th March, 2015 for Development of Critical Care services in western Rajasthan
2. FICA awarded by Indian College of Anaesthesiologists on 4th July, 2015 for Contribution in the field of Anaesthesiology
3. ISA President's Appreciation Award 2014 by Indian Society of Anaesthesiologists on 26th December, 2014 for Academic Contribution in Anaesthesiology

Conference/Workshops/Trainings Attended: 7
1. CME on Pain, Palliative Care and End of Life Issues by Department of Anaesthesiology, Dr. SN Medical College, Jodhpur 22nd June, 2015 (Panelist)
2. CME on Mechanical Ventilation, Sardar Patel Medical College, Bikaner at PBM Hospital Bikaner, 17th April, 2015 (1 invited lecture)
3. “Safety challenges in contemporary natural and artificial products” during NAMS-AIIMS Symposium on Food Safety World Health Day (Chaired Session)
4. Continuing Medical Education on Intensive Care and Emergency Medicine at Military Hospital, Jodhpur, 22nd March, 2015 (Invited Lecture)
5. FCCS Instructor and provider Course by Dept. of Anaesthesiology, AIIMS Jodhpur, 6th – 7th December, 2014 (Organizing Secretary & delivered 2 invited lectures and 1 skill station)
6. 7th National Conference of Association of Obstetric Anaesthesiologists, at BHU, Varanasi, 17th –19th October, 2014 (Invited Lecture)
7. XVII RAJISACON State Conference organized by the City Branch of

ISA, Sri Ganganagar, 4th -5th October, 2014 (Invited Lecture)

Dr. Nikhil Kothari
Articles Published/Accepted: 5
Conference/Workshops/Trainings Attended: 4
1. FCCS Instructor and Provider Course by City Branch ISCCM, Jaipur at Jeevan Rekha Hospital, Jaipur, 20th -21st September, 2014 (Invited Lecture)
2. FCCS Instructor and Provider Course by Department of Anaesthesiology, AIIMS Jodhpur, 6th -7th December, 2014 (Organizing committee member and Invited Lecture)
3. CME on Intensive Care and Emergency Medicine, Military Hospital, Jodhpur, 22nd March 2015 (Invited Lecture)
4. Gujarat Critical Care Conferene by City Branch ISCCM, Ahmedabad, 22nd -24th April, 2015 (Invited Lecture)

Administrative/Academic responsibilities:
1. Life Member, Shoulder and Elbow society of India
2. Reviewer, BMJ case report
3. Reviewer, Journal of clinical orthopaedics and trauma

Department of Anatomy

Conference/Workshops/Trainings Attended: 7
1. CME on Pain, Palliative Care and End of Life Issues by Department of Anaesthesiology, Dr. SN Medical College, Jodhpur 22nd June, 2015 (Panelist)
2. CME on Mechanical Ventilation, Sardar Patel Medical College, Bikaner at PBM Hospital Bikaner, 17th April, 2015 (1 invited lecture)
3. “Safety challenges in contemporary natural and artificial products” during NAMS-AIIMS Symposium on Food Safety World Health Day (Chaired Session)
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6. 7th National Conference of Association of Obstetric Anaesthesiologists, at BHU, Varanasi, 17th –19th October, 2014 (Invited Lecture)
7. XVII RAJISACON State Conference organized by the City Branch of

Departmental Achievements:
Papers Published in Pubmed Indexed: 7
Papers Published in other indexed journals: 8
Abstracts Published: 6
Papers Presented: 5
Invited Lecture 1
Session Chaired: 1
Conferences/workshops attended: 11
Workshops/conferences organized: 1
Awards: 1
Examinerships: 8
Membership in Society/Journals etc: 2
Post in Association/Journals etc: 25
Dr. Surajit Ghatak
Articles Published/Accepted: 4
Abstracts Published/Accepted: 3
Award: Received MAMS Award by National Academy of Medical sciences, October 2014
Conference/Workshops/Trainings Attended: 3 National and 1 International
1. 54th Annual NAMS Conference, Rishikesh, 17th to 19th October, 2014
2. 62nd National Conference of Anatomical Society of India, Imphal, 18th to 20th November, 2014
3. 102nd Indian Science Congress, Mumbai, 3rd to 7th January 2015
4. International Conference of Health and Medicine (ICHM 2015), Colombo (Sri Lanka), 17th to 18th March, 2015

Administrative/Academic responsibilities:
1. Member of the editorial board of the Journal of the Anatomical Society of India

Dr. Brijendra Singh
Articles Published/Accepted: 14
Abstracts Published/Accepted: 4
Book Author/Chapter contribution: Author of four books, Book Chapters: 1

Conference/Workshops/Trainings Attended:
1. Public Health Ethics – workshop-2014 at AIIMS Jodhpur, 1st to 5th December, 2014
2. National Conference of Association of Clinical Biochemists of India (ACBICON 2014), AIIMS, Jodhpur, 10th to 13th December 2014

Administrative/Academic responsibilities
Examiner for MBBS undergraduate students at various colleges in India
Editorial Board Member, Journal of Anatomical Society of India
Editorial Board Member and reviewer International Journal of Anatomy & Research
Editorial Board Member and reviewer International Journal of Biomedical Research
Editorial Board Member, EJMR – Era’s Journal of Medical research
Editorial Board Member Indian Journal of Anatomy
Editorial Board Member Extensive Journal of Applied Sciences
Editorial Board Member World Journal Pharmacy and Pharmaceutical Sciences (WJPPS)
Editorial Board Member International Journal of Advance Research Publishing (IJAR)
Editorial Board Member International Journal of Medical Research & Pharmaceutical Sciences

Dr. Shilpi Gupta Dixit
Articles Published/Accepted: 2
Abstracts Published/Accepted: 1
Training, Workshops and Conferences attended: 1 National
1. National Conference of Association of Clinical Biochemists of India (ACBICON 2014), AIIMS, Jodhpur, 10th to 13th December, 2014

Administrative/Academic responsibilities
1. Organizing committee member: National Conference of Association of Clinical Biochemists of India (ACBICON 2014), AIIMS, Jodhpur, 10th to 13th December, 2014
3. Member of Editorial Board of Indian Journal of Genetics and Molecular Research
4. Member of Austin Journal of Forensic Science and criminology
5. Member of American Association of Anatomists

Dr. Renu Gupta
Articles Published/Accepted: 7
Abstracts Published/Accepted: 3
Training, Workshops and Conferences attended: 2
1. Attended Bioinformatics workshop, DMRC, Jodhpur 23rd & 24th September 2014
2. 41st National Conference of Association of Clinical Biochemists of India (ACBICON 2014) AIIMS, Jodhpur, 10th to 13th December 2014

Administrative/Academic responsibilities
1. Editorial Board Member, Indian Journal of Anatomy
2. Editorial Board Member, Indian Journal of Clinical Anatomy & Physiology

Dr. Dushyant Agrawal
Articles Published/Accepted: 8
Abstracts Published/Accepted: 4
Training, Workshops and Conferences: 3 International and 4 National
1. 9th World Congress on Clinical, Preventive Cardiology & Imaging 2014 (WCCPCI-2014), Brahma Kumaris Shantivan, Abu Road (Rajasthan), 5th to 7th September 2014
2. 62nd National Conference of Anatomical Society of India, Anatomical Society of India Imphal, 18th to 20th November 2014
4. 41st National Conference of Association of Clinical Biochemists of India (ACBICON 2014), AIIMS, Jodhpur, 10th to 13th December 2014
6. International Conference of Health and Medicine (ICHM 2015), Colombo (Sri Lanka), 17th to 18th March 2015
7. Istanbul Liver Imaging Course and Meeting, Istanbul (Turkey), 8th April, 2015 to 10th April, 2015

Administrative/Academic responsibilities
1. Editorial Board Member, Indian Journal of Anatomy
2. Editorial Board Member, Austin Journal of Anatomy
3. Editorial Board Member, International Journal of Anatomy Physiology and Biochemistry
4. Editorial Board Member, Edorium Journal of Anatomy and Embryology
5. Reviewer, International Journal of Biomedical Research
6. Reviewer, The Open Journal Anatomy
7. Reviewer, International Journal of Applied and Basic Medical Research

Dr. Ashish Nayyar:
Articles Published/Accepted: 2
Abstracts Published/Accepted: 1
Training, Workshops and Conferences: 1

1. 41st National Conference of Association of Clinical Biochemists of India (ACBICON 2014), AIIMS, Jodhpur, 10th to 13th December, 2014

Department of Biochemistry:

Conference/CME/Workshop Organized:
1. 41st Annual Conference of Association of Clinical Biochemists of India from 10th to 13th December 2014.
2. CME on Integrating Biochemistry in the Medical Curriculum on 10th December, 2014.
5. The Department has been actively involved in conducting regular Lead awareness programmes in various schools.

Laboratory Services:
1. The Department of Biochemistry has started 24 hour hospital laboratory services since 9th March, 2015.
2. The Biochemistry IPD laboratory has started many specialized investigations including hormones and vitamin assay since 16th March, 2015.

Projects:
1. Project (Ongoing) : NRCLPI, Principal Investigator Project titled ‘Lead levels in water, water containers and plumbing materials and its association with blood lead levels in children: A multicentric study’
2. Intramural Projects approved:
   i. Projects with PI from the Department: 4
   ii. Projects with Co-PI/Co-I from the Department: 7

iii. ICMR STS projects for year 2014 – 15: 3

Dr. Praveen Sharma
Articles Published/Accepted: 11
Abstracts Published/Accepted: 12
Sessions chaired/Paper presented: 9

Conferences/Workshops/Trainings:
1. Chaired session on Research Workshop on Diagnostic and Therapeutic Immunology, Deprt. of Biochemistry, JNM Hospital, West Bengal
2. Attended Public Health Ethics by Deprt. of CM & FM at AIIMS, Jodhpur from 1st – 5th Dec, 2014
3. Organized 41st ACBICON from 10th – 13th December, 2014 at AIIMS Jodhpur
4. Delivered lecture and chaired Awdhesh Saran Oration award on 11th Dec 2014, 41st ACBICON 2014 on Lead toxicity at AIIMS Jodhpur
7. Attended CME on use of Flow cytometry in Research and Clinical application organized by Deprt of Biochemistry, AIIMS Jodhpur 28th February, 2015
9. Delivered lecture on Lead toxicity in NAMS-AIMS Symposium on “Food Safety: From Farm to Plate, Make Food Safe” at AIIMS Jodhpur on 7th April, 2015
10. Delivered lecture on “Lead & organ system Metabolic syndrome: concepts & controversies” Advances in Biochemical and Molecular Diagnostics: Recent Research Trends BIOCE 2015 at Department of Biochemistry, Govt. Medical College, Srinagar
11. Attended EUROMEDLAB Paris 2015 Congress organized by International Federation of Clinical Chemistry from 21st to 25th June 2015 and Chaired the session and presented paper on Gene expression of apoptotic pathway in male fertility
12. Attended CliniTech: Workshop on Advances in Technology and Quality Assurance in Clinical Laboratory organized from 3rd to 4th July, 2015 at JNM Medical College, Kalayani, West Bengal

Award Papers:
1. Nizam’s Institute of Medical Sciences Best Poster award’ Non-cancer category for 2014, AIIMS Jodhpur for the abstract “C-peptide and apo-proteins—novel markers of cardiovascular disease risk” as co-author
2. Nizam’s Institute of Medical Sciences Best Poster award’ Non-cancer category for 2014, AIIMS Jodhpur for the abstract “Is dyslipidemia a risk factor for microalbuminuria in normotensive type-2 diabetes mellitus” as co-author
3. Nizam’s Institute of Medical Sciences Best Poster award’ Cancer category for the abstract “Tobacco exposure by various modes modulate pro-inflammatory (IL-12) and anti-inflammatory (IL-
levels and affects the survival of prostate carcinoma: An explorative study in North Indian population” co-author.

**Research Projects:**

As principal investigator –
1. NRCLPI Principal investigator Project titled ‘Lead levels in water, water containers and plumbing materials and its association with blood lead levels of children: A multi-centric study’

As Co-Investigator
1. A Pilot study of screening for inborn errors of metabolism in sick neonates and children in Western Rajasthan.
2. A correlation study of Cardio metabolic risk parameters and Urinary opiates in opiate dependent patients of Western Rajasthan.
3. To establish the reference range of urinary Protein Creatinine Ratio in normal and malnourished Indian children of different age groups.
4. Role of Aspirin in reducing inflammatory mediators in Type 2 Diabetes Mellitus.
5. Study of vitamin D level and metabolic abnormalities in patients with depressive disorders.
6. Exploration of microRNA as biomarker of muscle wasting in hemodialysis patients.

**Post in Association/Society/Journal/Membership:**
1. President Association of Clinical Biochemists of India (2014 – 15)
2. Chairman of Corporate Wing of ACBI (since 2008)
3. Joint Director, Indian Board of Clinical Biochemistry (since 2011)
4. Vice President, INSRL (since Oct 2013)
5. Director, NRCLPI, Jodhpur (since Oct 2013)
6. Examiner, Paper setter for M.Sc. / MD/ PhD examinations at various universities of India.
7. Editor – in – Chief Indian Journal of Clinical Biochemistry
8. Reviewer of many National and International Journals
9. Memberships:
   i. IFCC
   ii. APFCB
   iii. ACBI
   iv. INSRL
   v. Society of free radical research
   vi. Indian Society of Atherosclerotic research

**Dr. Vanita Lal**

Articles Published: 3
Abstracts Published: 5

**Conferences/Workshops/Trainings:**
1. Attended International Conference on Inborn Errors of Metabolism, Hyderabad
2. Attended ACBICON 2014 at AIIMS, Jodhpur, in December & presented a poster
3. Attended AMBICON 2014 at SVIMS, TIRUMALA, in November & chaired a session
4. Attended BIOINFORMATICS CONFERENCE 2015, DMRC in June
5. Attended Regional Symposium of National Academy of Medical Sciences, India on ‘Emerging epidemic of obesity: Causes, Concerns and Consequences’ on 12th March, 2015
6. Attended CME on the Decennial Celebration of FAIMER FRI-CMC, Regional Centre. On Competency Based Medical Education, from 3rd to 10th February
7. Attended Short Course Training in Genetics and its Application from 20th – 30th March 2015, SGPGI Lucknow
8. Attended Workshop on Flow cytometry at ILBS New Delhi from 18th – 20th August 2015

**Research Projects:**
1. A Pilot study of screening for inborn errors of metabolism in sick neonates and children in Western Rajasthan.
2. Team Based Learning (TBL) by Modular Teaching – Reinigorating Second Semester MBBS Students at AIIMS, Jodhpur (FAIMER)
3. Profiling Urinary Amino Acids and Monosaccharides by Thin Layer Chromatography in Paediatric subjects with suspected metabolic disorders.” (ICMR STS Project)

**Association/Society/Journal/Membership:**
1. Membership:
   i. Association of Clinical Biochemists of India
   ii. Indian Society of Human Genetics
   iii. Australasian Society of Clinical Biochemists (Aacb)
   iv. Association of Medical Biochemists of India
   v. Lifetime SSIEM (Study Of Society of Inborn Errors Of Metabolism)
   vi. IMA Life Member
   vii. SEARME Life Member (South East Asian Association of Regional Medical Education)
   viii. American Chemical Society – Life Member

**Dr. Purvi Purohit**

Articles Published: 3
Abstracts Published: 2

**Books**

**Conferences/Workshops/Trainings:**
1. Attended the CME on Programmatic Management of Drug resistant Tuberculosis on 22nd November 2014, AIIMS Jodhpur
2. Attended and presented a poster at the 41st ACBICON 2015 from 10th – 13th December, 2014.
3. Attended the workshop on ‘Basics of Flow cytometry’ 10th December, 2014, AIIMS Jodhpur
4. Attended 5 day hands on workshop on ‘Molecular techniques as applied for infectious disease research’ 2nd – 7th February 2015 at Mahatma Gandhi Institute of Medical Sciences, Wardha
5. Attended a CME on Flow cytometry titled ‘Use of flow cytometry in research & Clinical applications’ on 28th February 2015, at AIIMS Jodhpur
6. Attended Regional Symposium of National Academy of Medical Sciences, India on ‘Emerging epidemic of obesity: Causes, Concerns and Consequences’ on 12th March 2015, at AIIMS Jodhpur
7. Attended and presented a poster at the Annual meeting & Clinical Lab expo of American Association of Clinical Chemistry
Award Papers:
1. Got the 'Nizam's Institute of Medical Sciences Best Poster award' for 2014, AIIMS Jodhpur for the abstract 'C-peptide and apolipoproteins-novel markers of cardiovascular disease risk'.

Research Projects:
1. Intramural Project – A correlation study of Cardiometabolic risk parameters and Urinary Opiates in Opioid dependent patients of Western Rajasthan. [As Principal Investigator]
2. Intramural Project – Serum levels of Interleukin-17 and 23 in acute cerebral ischemia patients. [As Co-investigator]

Post in Association/Society/Journal/Membership:
1. Membership:
   i. Assistant Editor APFCB news
   ii. Life member ACBI
   iii. Life member APFCB
   iv. Life member Nutrition society of India

Dr. Indu Saxena:
Articles Published/ Accepted: 4

Conferences/Workshops/Trainings:
1. Attended Public Health Ethics, 1st-5th December 2014, AIIMS Jodhpur
2. Attended CME on Programmatic Management of Drug resistant Tuberculosis on 22nd November 2014, AIIMS, Jodhpur
3. Attended 41st ACBICON 2014 from 10th – 13th December 2014, AIIMS Jodhpur
5. Attended CME on Flow Cytometry titled ‘Use of flow cytometry in Research & Clinical applications’ on 28th February 2015, AIIMS Jodhpur
6. Attended Regional symposium of National Academy of medical Sciences, India on ‘Emerging epidemic of obesity: Causes, Concerns and Consequences’ on 12th March 2015, AIIMS Jodhpur

Research Projects
Principal Investigator
1. To establish the reference range of urinary Protein Creatinine Ratio in normal and malnourished 4-8 year old Indian children
2. Study of Urinary Protein Creatinine Ratio in Normal and Undernourished 2-4 Year Old Indian Children
3. To Determine Urinary Protein Creatinine Ratio in Normal Indian Neonates [ICMR STS Project]

Co-Investigator
1. To Study Cardiometabolic Risk Factors in Young Obese Adults of Western Rajasthan

Post in Association/Society/Journal/Membership
1. Membership:
   i. Bio-Info Publications
   ii. Life member ACBI

Conference/CME/Workshop Organized:
1. Workshop on “Public Health Ethics” from 1st December 2014 to 5th December 2014
2. NAMS-AIIMS Symposium on “Food Safety: From farm to plate make food safe” from 6th April & 7th April, 2015
3. 2nd National Inter-College Quiz Competition for post graduate students on World Health Day 2015 on 6th April, 2015
4. First Responder and Pre- Hospital Trauma Care Training on 24th Nov, 2014
5. Pre Hospital trauma Care workshop from 11th-12th Aug, 2014
6. Participation in "one sight: Screening programme for detection of refractive error" organized by "One sight foundation, Australia" at Kood Village, Jodhpur from 8th December 2014 to 15th December 2014.
7. National Youth day celebration on 12th January, 2015
8. Leprosy eradication day celebration at District Leprosy Hospital Mandor, Jodhpur in collaboration with Medical & Health department (Government of Rajasthan) on 30th January, 2015
14. Participation in Health Check-up camp organized by National Urban Health Mission (Government of Rajasthan) in slum area of Chandpol, Jodhpur at 21st August 2015.
15. Participation in training programme on prevention of water borne diseases at Jalbhagirathi, Jodhpur on 25th & 26th August 2015.
16. Participation in Medical Relief Camps as a part of National Disaster Management-team in flood affected areas of Jammu-
Kashmir from 15th October to 21st October, 2014

17. Coordinated visit of NIHFW team from New Delhi for 19th Professional Development course (PDC) in Management, Public Health & Health Sector Reforms for District Medical Officers

Services
Weekly AFP and Measles Surveillance
Competency Based Medical Education for MBBS students at Health Centres

Dr. Pankaja R. Raghav
Articles Published/Accepted: 4
Sessions chaired/Paper presented: 10

Conferences/Workshops/Trainings
1. Resource person for Training of Medical officer & Health workers on Vector borne diseases: control measures organized by CMHO, PHC Fidusar, Jodhpur in Sep, 2014
2. Chaired session in CME on Programmatic Management of Drug Resistant Tuberculosis - 2014 Under the aegis of International Union Against Tuberculosis and Lung Diseases, Union South-East Asia organized by Department of Microbiology, AIIMS Jodhpur on 22 Nov 2014
3. Resource person for Workshop on cancer awareness organized by Department of Public Health, Lachoo College, Jodhpur on 4 Feb., 2015
5. Delivered Keynote address on Potentials and innovations in Public-Private partnership for enhancing Nutritional Health in the 19th World Congress on Clinical Nutrition organized by Institute of Medical Sciences, Banaras Hindu University, Varanasi from 13th -15th March, 2015
6. Chaired session on Agro- Nutritional Approach & Solutions for Healthy livings in the 19th World Congress on Clinical Nutrition organized by Institute of Medical Sciences, Banaras Hindu University, Varanasi from 13th -15th March, 2015
7. Member panel of Experts for Drafting National Health Policy organized by Directorate of Public Health, Jaipur on 20 March 2015
8. Delivered talk on Food poisoning in the Public awareness programme on “Food Safety: From farm to plate make food safe” organized by AIIMS, Jodhpur on 8th April, 2015
9. Keynote speaker on Gender perspectives in Lung diseases in the Workshop on Future strategies for prevention and cure of silicosis organized by GRAVIS at Hotel Park Plaza, Jodhpur in June 2015
11. Attended Workshop on “Public Health Ethics” organized by Department of Community Medicine &Family, AIIMS, Jodhpur from 1st -5th Dec, 2015
12. Attended 14th World Congress on Public Health organized by Indian Public Health Association, Kolkata from 10th -16th Feb.2015
13. Attended Short Course on Biostatistics & Epidemiology for clinical and Public Health Research using SPSS organized by Department of Biostatistics, Resource & Training Centre CMC, Vellore India, CMC Vellore from 23rd-27th Feb. 2015

Association/Society/Journal/Membership:
2. Deputy Editor of Indian Journal of Community & Family Medicine
3. Membership:
   i. International Epidemiological Association, December, 2014

Awards
1. FAIMER-Fellow
2. Certificate course in “Leadership & Management in Health” organized by University of Washington

Examinership
1. MD Community Medicine, conducted by SN Medical College, Jodhpur on 13th July 2015
2. Final MBBS Part 1 conducted by SN Medical College, Jodhpur from 14th to 15th July 2015
3. MD Community Medicine conducted by Grant Medical College, Mumbai, Maharashtra Medical University from 1st-4th June 2015
4. Diploma in Public Health conducted by Grant Medical College, Mumbai, Maharashtra Medical University on 5th June 2015

Projects
1. Principal investigator
   Assessment of prevalence, correlates and health parameters of opium users among rural population of Jodhpur: A multi method approach
2. Co-investigator
   Intradermal Rabies Vaccination (IDRV) for post exposure prophylaxis in Western Rajasthan: Current operational challenges and their possible solutions

Dr. Ranabir Pal
Articles Published/Accepted: 18
Sessions chaired/Paper presented: 9

Conferences/Workshops/Trainings:
1. Part of expert panel on Public Health Lectures on ‘Swine Flu: Need for a scare or to be prepared’ AIIMS Jodhpur 10th February 2015 organized by AIIMS Jodhpur on February 10th, 2015
2. Resource person for First Responder and Pre-Hospital Trauma Care Training organized by AIIMS Jodhpur on November 22nd, 2014
3. Resource person for Panel discussion on Cleanliness and Health VARCHAS 2014 Annual Fest organized by Indian Institute of Technology, Jodhpur, India on 1st Nov, 2014
4. Resource person for Inauguration of Chapter on Future of Family Medicine training in India in the Family Medicine Career Development Workshop organized at inauguration organized by
UP Chapter Academy of Family Physicians of India, Lucknow on 19th Oct, 2015
5. Resource person for ROUND TABLE DISCUSSION on “Road Map to Road Safety and Public Health” in INDUS-EM 2014 organized by Indo-US Trauma Initiative at King George Medical College, Lucknow, India on October 18th, 2014
6. Resource person for EMCORD-INDIA 3rd Annual Session on Challenges and Opportunities of injury care in INDUS-EM 2014 organized by Indo-US Trauma Initiative at King George Medical College, Lucknow, India on October 17th, 2014
7. Faculty for First Responder Training Course – Police Commando Training School Jodhpur Training Course organized by AIIMS Jodhpur on 20th Sep, 2014
8. Resource Person and Expert: The Jodhpur Initiative: Road Safety in the City and Neighboring Areas initiated jointly by Sardar Patel Police University, Indian Institute of Technology and AIIMS, Jodhpur
9. Resource Person and Expert: Task Force meeting on Registry for Traumatic Injuries – India (RTI-INDIA) initiated by Indian Council of Medical Research (ICMR)

Association/Society/Journal/Membership:
1. Reviewer in Archives of Medicine and Health Sciences and Current Science

Award
2. Membership of National academy of Medical Sciences, India

Examinership
1. Final MBBS Part 1 conducted by Kashmir University, Srinagar, J&K, INDIA from 23-25 July 2015
2. Final MBBS Part 1 conducted by West Bengal University of Health Sciences, INDIA from 7-10th Jan, 2015

Projects
1. Co-investigator
   An Interventional study to train medical and nursing personnel’s and first responders in assessing, stabilizing and transporting an injured patient from site of injury to definite health care facility

Dr. Pankaj Bhardwaj
Articles Published/Accepted: 7
Sessions chaired/Paper presented: 10

Conferences/Workshops/Trainings
1. Faculty representative for state of Rajasthan for presenting “Health Innovations” in 42nd Annual National Conference IAPSM organized by KGEMU Lucknow from 26th – 28th February 2015
2. Chaired a session on “Non Communicable Diseases” in the 19th World Congress on Clinical Nutrition 2015 organized by IMS BHU from 13th – 15th March 2015
3. Faculty for “Integrating Biochemistry in Medical Curriculum” in ACBICON 2014 organized by AIIMS, Jodhpur on 10th Dec 2014
4. Speaker on “TB burden in India” at CME on Programmatic Management of Drug Resistant Tuberculosis – 2014 organized by International Union Against Tuberculosis & Lung Diseases (UNION) and AIIMS Jodhpur on 22nd Nov 2014
5. Expert during the panel discussion in the National Consultation for Drafting A Comprehensive Public Health Bill organized by NHSRC, MOHFW & NLU Bangalore on 26th September 2014
6. Speaker on “Role of Civil Society in developing corrective measures” in the National Seminar on Ethical Conduct in Work Life: A reflection of Civil Society organized by Kanoria PG Mahila Maha Vidyalaya, Rajasthan University, Jaipur from 22nd-23rd Dec 2014
7. Speaker on Swine Flu: Don’t Panic, Be Cautious in the Swine Flu Awareness Program for students and faculty of NIFT Jodhpur organized by NIFT, Jodhpur on 19th Feb, 2015
8. Speaker on World’s TB Day: Awareness Session organized by Jodhpur School of Public Health, Jodhpur on 20th March, 2015
9. Speaker on “Sexually Transmitted Infections (STI): What youth should know” in the Adolescents and Youth friendly initiative (AYFHI) through mentoring programs for students organized by GMC Chandigarh on 27th – 28th Aug 2015
10. Participated as a member of the team deputed for Capacity Building Program for six new AIIMS under aegis of MOHFW, Govt of India, PMSSY Division from 08th Sep to 12th Sep 2014 at PGIMER, Chandigarh.
11. Participated as a member of the team deputed for Capacity Building Program for six new AIIMS under aegis of MOHFW, Govt of India, PMSSY Division and High Commission of India, Singapore from 12th Oct 2014 to 16th Oct 2014 at Singapore.
12. Completed course on “Leadership & Management in Health” (Distant Learning) from University of Washington, 24th March 2015
13. Attended NAMSCON-2014 organized by AIIMS, Rishikesh from 17th – 19th October 2015

Association/Society/Journal/Membership:
1. Assistant Editor in Indian Journal of Community & Family Medicine

Examinership
MPH Examiner conducted by Jodhpur School of Public Health (JSPH) from 29th – 30th Sep 2014

Projects
1. Principal investigator
   i. Intradermal Rabies Vaccination (IDRV) for post exposure prophylaxis in Western Rajasthan: Current operational challenges and their possible solutions
   ii. STS ICMR project awarded to MBBS student Kamakshi Kaul “A study of determining factors of overweight & obesity among school going children of Jodhpur city”.

2. Co-investigator,
   i. Study of blood lead level in children of Jodhpur region
   ii. Assessment of prevalence, correlates and health parameters of opium users among rural population of Jodhpur: A multi method
Dr. Neeti Rustagi  
Articles Published/Accepted: 4  
Sessions chaired/Paper presented: 8

Conferences/Workshops/Trainings:
1. Organized and contributed in a series of Pre- Hospital trauma care workshop for First Responder’s at AIIMS Jodhpur, MDM Hospital, Rajasthan Police Academy Jaipur
2. Contributed in Research Methodology Series 2014-2015, sessions ‘Confidence Interval’ on Dec 13th, 2014 and ‘Questionnaire designing and validation’ on August 13th, 2014,  
3. ‘Public Health Lecture series’ AIIMS Jodhpur on Life style risk factors for chronic diseases’
4. Certified Instructor (04th – 06th June, 2015) and Provider (26th – 28th March, 2015) of ATLS from AIIMS – JPN trauma center
5. Participated in Task Force meeting on Registry for Traumatic Injuries – India (RTI-INDIA) at ICMR on May 26th, 2015.
6. Attended Public Health Ethics Workshop organized by Dept. of CFM, AIIMS Jodhpur from 1st- to 5th December, 2014
7. Attended Pre – conference Workshop AIIMS – Basic Emergency Care course organized by JPN Trauma Centre, AIIMS Delhi on 30th August 2014
8. Attended National Symposium ‘Harmful effects of Alcohol consumption: Need for evidenced-based national policy’ organized by National Academy of Medical Sciences (NAMS), Centre for Research in Medical Education, AIIMS, Jodhpur on January 30th, 2015

Association/Society/Journal/Membership:

Project
1. Principal investigator
   i. An Interventional study to train medical and nursing personnel’s and first responders in assessing, stabilizing and transporting an injured patient from site of injury to definite health care facility
   ii. STS ICMR project awarded to MBBS student Ajey Singh Rathore “School based evaluation of fluorosis in endemic village of Jodhpur, Rajasthan”

Dr. Ankita Chugh  
Articles Publisher / Accepted: 1

1. Attended workshop on “All on four Technique” on Dental Implants on 16th and 17th December 2014

Dr. Kirti Chaudhry  
Attended a Workshop on Basic Implantology Course – Smile India 20th – 22nd February 2015.

Department of ENT (Otorhinolaryngology)

Dr. Amit Goyal  
Articles Published/ Accepted: 7

New Services/Technology/Investigations:
Audiology and Auditory Rehabilitation Unit & Cochlear Implant Program

Conference/Workshop/Trainings:
1. As invited faculty in Annual Conference of Rajasthan Branch of Association of Otolaryngologist of India organized at Jaipur on 13th & 14th December, 2015.
2. As invited faculty in 67th Annual Conference of Otolaryngology and Head & Neck Surgery organized at AIIMS Raipur by Association of Otolaryngologists of India from 9th to 11th January, 2015.
4. As invited faculty in I Curso Internacional De Dissccion Y Cirugia De Hueso Temporal organized at Asuncion (the first ever temporal bone lab set in Paraguay) from 20th to 22nd July, 2015.
5. As invited faculty in IV Congreso De Otorrinolaringologia Y Cirugia De Cabeza Y Cuello and II Congreso Paraguayo De Fonaudiologia and I Joint Meeting Americal Academy of Otolaryngology – Head & Neck Surgery organized at Asuncion from 22nd to 24th March, 2015.
7. Workshop on Public Health Ethics organized by Dept. of CMFM, AIIMS Jodhpur at AIIMS Jodhpur from 1st to 5th December, 2015.
8. NAMS Regional Symposium on Emerging Epidemic of Obesity – Causes, Concerns and Consequences organized by NAMS at AIIMS Jodhpur on 12th March, 2015.
12. Two CMEs organized by AOI Jodhpur Branch on 12th March and 23rd April, 2015.

Conferences / CMEs organized:
1. 34th Annual Conference of Neuro-otological & Equilibriometric Society of India at Ahmedabad on 14th & 15th March, 2015 in the capacity of Hony. Secretary of the Society.
2. Two CMEs of AOI Jodhpur Branch on 12th March and 23rd April 2015.

Awards / Fellowships:
1. International Visiting Scholarship from American Academy of Otolaryngology – Head & Neck Surgery received on 23rd September, 2015.
2. Observing fellow at Skull Base Division of Keck Medical School of University of South California for two weeks in September, 2015.

Visitors in the Department:
Dr. Ta Ju Liu from National University of Asuncion, Asuncion, Paraguay.

Association/ Society / Journal / Memberships:
1. Honorary Secretary of Neuro-otological & Equilibriometric Society of India
2. Executive Body Member of Rajasthan Branch of Association of Otolaryngologists of India
3. Member of American Academy of Otolaryngology – Head & Neck Surgery
4. Editorial Board Member of Surgery Research and Practice
5. Reviewer board of International Journal of Pediatric Otolaryngology, British Journal of Medicine and Medical Sciences
6. UG Examiner at Saurashtra University, Rajkot (MP Shah Medical College, Jamnagar) and Maharashtra University of Health Sciences, Nasik (KEM Medical College, Mumbai)

Dr. Puneet Setia
Assistant Professor
Articles Published/ Accepted: 2

Conferences/Workshops/Trainings:
1. FORENSIC MEDICON 2015: XXXVI Annual National Conference of Indian Academy Of Forensic Medicine at Sri Ramachandra Medical College & Research Institute, Sri Ramachandra University, Porur, Chennai. 23rd to 25th January 2015
2. 20th Short term training course on “Molecular techniques as applied for infectious disease research” held by Department of Biochemistry & J B Tropical Disease Research Centre Mahatma Gandhi Institute of Medical Sciences Sevagram, Maharashtra from 24th to 7th February 2015
3. As a Moderator in CME, "Tips and Tricks for Medico legally Safe Practice" organized by Cipla on 15th March 2015 at Jodhpur

Administrative/ Academic responsibilities:
1. Guest faculty at Sardar Patel University of Police Security and Criminal Justice Jodhpur (SPUP), April 2015
2. Examiner at AIIMS Bhopal, for 2nd Professional (Main and Supplementary) Examination held in December 2014 and May 2015, respectively

Dr. Vikram Singh
Articles Published/Accepted: 4
Abstracts Published/Accepted: 2
Paper Presented: 1

Conferences/Workshops/Trainings:
2. Asia Pacific League against Rheumatism (APLAR) from 6th – 9th September 2015 at Chennai.
Dr. Ramkaran Chaudhary

Conferences/Workshops/Trainings:
1. As course faculty in CEUTEH-2014 organised by Department of IT and Emergency, JPN Apex Trauma centre, AIIMS, New Delhi from 1st Sep to 3rd Sept 2014. Participated as Faculty on AUTLS (AIIMS ULTRASOUND TRAUMA LIFE SUPPORT – ADVANCED).
2. As course faculty in “AIIMS Trauma life support with Power of Ultrasound” course and CME on Infection Control on 16th and 17th January 2015 at Raipur Chhattisgarh as a part of Chhattisgarh skill development program by Chhattisgarh Government.
3. As course faculty in “AIIMS Trauma life support with Power of Ultrasound” course and CME on Infection Control from 15th to 17th April 2015 at Raipur Chhattisgarh as a part of Chhattisgarh skill development program by Chhattisgarh Government.
4. As course faculty in CEUTEH-2015 organised by Department of IT and Emergency, JPN Apex Trauma centre, AIIMS, New Delhi from 3rd August to 5th August 2015 Participated as Faculty on AUTLS (AIIMS ULTRASOUND TRAUMA LIFE SUPPORT – ADVANCED).
6. Attended “FUNDAMENTAL OF CRITICAL CARE SUPPORT (FCCS) COURSE” Organised by Department of Anaesthesiology from 6th and 7th December 2014 at AIIMS, Jodhpur.
7. Attended “Short term Fellowship training in Bariatric Surgery” from 26th June to 10th July 2015 at ASIAN BARIATRICS, Ahmedabad, India.
8. Attended “6th COMPREHENSIVE HANDS ON TRAINING PROGRAM AND FELLOWSHIP COURSE” in BARIATRIC (METABOLIC) SURGERY conducted by The GEM obesity and Diabetes Surgery Centre Coimbatore, India.
9. Attended 10th International Congress of the Asia Pacific Hernia Society and 8th National Congress of Hernia Society of India from 6th to 9th November 2014 at Jaipur, Rajasthan, India.
10. Attended XII National Conference of Indian Association of Gastrointestinal Endo Surgeons “IAGES 2015” from 13th to 15th February 2015 at Gurgaon, India.
11. Attended 8th International Live Workshop in laparoscopic Surgery, “LAPAROSURG 2015” from 14th to 16th May 2015 at Coimbatore organised by GEM Hospital and Research Centre.

Dr. Mahendra Lodha

Conferences/Workshops/Trainings:
1. “TRAUMA- 2014” organised by Department of Emergency and Trauma, JPN Apex Trauma centre, AIIMS, New Delhi from 27th Nov to 30th Nov 2014.
3. Attended “FMAS” Course organised by Association of Minimal Access Surgeon, India at Surat from 18th Sept to 20th Sept 2014.

Dr. Vijaya Lakshmi Nag

Articles Published / Accepted : 03
Abstract Published / Accepted : 02
Papers Presented: 02
Session Chaired: 02
Guest Lectures/Resource Faculty: 02
Conferences/workshops attended: 04
Examinerships: 07
Membership in Society/ Journals etc: 02
Post in Association/ Journals etc: Reviewer (7 journals)

Conferences/workshops/Trainings:
1. Attended and presented a paper titled “Rapid detection and genomic mutational trends of MDRTB isolates by Genotype MTBDR plus assay in Northern India” at 5th annual conference of Clinical Infectious Diseases society (CIDSCON) organized at New Delhi, from 21st to 23rd August 2015.
2. Chaired the session “Post Site Infections after Laparoscopic Choleystectomy” in the conference on Advanced Laparoscopic
Gastro Intestinal Surgery organized at JIPMER, Puducherry, from 17th to 18th of July 2015.

3. 1st National conference of Association of clinical Biochemist of India (ACBICON 2014) organized at AIIMS, Jodhpur from 10th to 13th Dec. 2014.

4. Workshop on “Public health and Ethics” organized at AIIMS, Jodhpur, from 1st to 5th Dec. 2014.


Dr. Anuradha Sharma
Articles Published / Accepted : 02
Papers Presented: 01
Session Chaired: 01
Conferences/ Workshops attended: 04
Examinerships: 01
Membership in Society/ Journals etc: 01

Conferences/Workshops/Trainings :
1. Workshop on “surveillance of Hospital acquired infections” organized at RPGMC, Kangra on 27th Sep. 2014.
3. 13th HISICON-2015 organized by IFIC-HISI at JWM, New Delhi from 22nd to 24th March 2015.

Awards/Certificates :
1. Attained certification as “International Specialist in Microbiology” from American Society of Clinical Pathologists Board of Certification (ASCP-BOC) with 69% score.

Dr. Raveeekar Gadepalli
Articles Published / Accepted : 01
Papers Presented: 01
Guest Lectures/ Resource Faculty: 01
Conferences/ workshops attended: 01
Examinerships: 01
Membership in Society/ Journals etc: 01
Post in Association/ Journals etc: Reviewer 01

Conferences/Workshops/Trainings :
1. Selected for American Society for Microbiology workshop “Train the trainers” organized at Jawaharlal Nehru University, New Delhi from 13th to 14th October 2014.
2. Guest faculty for “Health care associated infections in ICU and Antimicrobial policy”(CME on Intensive Care and Emergency Medicine) organized at Military Hospital, Jodhpur, India on 22nd March 2015.

Research Project :
1. Intramural project on “Microbiological profile of diabetic foot ulcers”.

College of Nursing

Dr. Raj Rani
Articles published/accepted: 02
Book chapter: 01

Conferences/Workshops/Trainings :
2. Attended conference cum meditation retreat on role of women for transformation at Gyan Sarovar, Mount Abu, Rajasthan on 26th-30th June 2015.

Awards/Administrative/Academic responsibilities:
1. Guest of honour in inaugural function of nurse’s week, Govt College of Nursing, SN Medical College, Jodhpur, Rajasthan on 6th May 2015.
2. Member of selection committee for staff nurse grade II at PGI, Chandigarh from 10th-12th May 2015.
3. Chairperson and moderator in 18th Annual National Conference of Nursing Research Society of India (NRSICON) organized by Choithram College of Nursing, Indore, 14th-16th Nov 2014.

Mr. Ashok Kumar
Articles published/accepted: 02

Conferences/Workshops/Trainings :
1. Attended International workshop cum 3rd Research methods course organized by Baba Farid University of Health Sciences, Faridkot, Punjab in collaboration with university of British Columbia, School of Nursing, Vancouver Canada at Faridkot from 27th to 29th October, 2014.
2. Attended 41st Annual Conference of Association of Clinical Biochemists of India (ACBICON 2014) on 'Integration in lab medicine: The emerging paradigm’ at AIIMS Jodhpur from 10th to 13th December 2014.

Awards/Administrative/Academic responsibilities:
1. Member of selection committee for staff nurse grade II at PGI, Chandigarh from 10th-12th May 2015.
3. Resource person in Training program on HIV/AIDS & ART for Nurses under the Global Fund to fight AIDS, Tuberculosis and Malaria (GFATM) round 7 conducted at MM College of Nursing, MM University, Mullana Ambala, Haryana from 1st to 3rd September 2014.
Mr. Naveen Kumar Sharma:

Conferences/Workshops/Trainings:
1. CME on “Programmatic Management of Drug Resistant Tuberculosis (PMDT)”, Dept of Microbiology, AIIMS, Jodhpur, 22nd Nov 2014
2. Regional symposium on Emerging epidemic of obesity: Causes, concerns and consequences, AIIMS, Jodhpur on 12th March 2015.

Mr. Aashish Parihar:

Conferences/Workshops/Trainings:
1. CME on “Behavioural addiction: New Challenges”, Dr. SN Medical College, 5th April 2015.

Mr. Himanshu Vyas:

Conferences/Workshops/Trainings:
1. CME on “Programmatic Management of Drug Resistant Tuberculosis (PMDT)”, Dept of Microbiology, AIIMS, Jodhpur, 22nd Nov 2014
2. Regional symposium on Emerging epidemic of obesity: Causes, concerns and consequences, AIIMS, Jodhpur on 12th March 2015.

Mrs. Vandna Pandey:

Conferences/Workshops/Trainings:
1. CME on “Programmatic Management of Drug Resistant Tuberculosis (PMDT)”, Dept of Microbiology, AIIMS, Jodhpur, 22nd Nov 2014

Mrs. Mamtanya:

Paper published/accepted: 3

Conferences/Workshops/Trainings:
1. CME on “Programmatic Management of Drug Resistant Tuberculosis (PMDT)”, Dept of Microbiology, AIIMS, Jodhpur, 22nd Nov 2014
2. CME on “Behavioural addiction: New Challenges”, Dr. SN Medical College, 5th April 2015.

Mr. Asif Khan Pathan:

Paper published/accepted: 1

Nirmal Kumar Meena:

Paper published/accepted: 1

Dr. Pratibha Singh:

Articles Published/Accepted : 2

Conferences/Workshops/Trainings:
1. As invited faculty at IMSCON 2015, national conference of Indian Menopausal Society, Lecture on “VIA in low resource setting”
2. As invited faculty at 10th ISCCP, 2015 at Lucknow, as chairperson in session on “Dilemmas in CIN”
3. As invited faculty at CME at Umaid Hospital; Lecture on ‘Screening of Cancer cervix’ and moderator for panel discussion on HPV Vaccine
4. As invited faculty at West Zone Yuva Fogni 2015; Lecture on “UTI in Pregnancy” and, as chairperson in a session on ‘Tubal surgery in era of IVF’ and “Pregnancy at Risk”
5. As invited faculty at 2nd YUVA ISAR 2015 at Bhubaneswar-lecture on ‘Guidelines on Thyroid and Prolatin screening in infertile women’ and debate on Should all BOH receive Heparin
6. Attended the workshop on Birth Defects Surveillance at Delhi, organised by WHO & RBSK

Academic/Administrative Responsibilities:
1. Member Editorial Board in Indian Journal Of Obstetrics & Gynaecology
2. Joint secretary at Indian Menopausal Society, Jodhpur Chapter.
3. Examiner at Government Medical College, Kota and at Umaid Hospital for MBBS
4. Examiner at SAIMS, Indore for MS exam

Dr. Shashank Shekhar

Articles Published/Accepted: 2

Conferences/Workshops/Trainings:
1. As invited faculty at West zone Yuva Fogni 2015 conference, lecture on and participated in Panel discussion
2. WHI Training Course in Minimally Invasive Gynaecology at AIIMS Delhi
3. Bioinformatics Workshop at DMRC Jodhpur

Academic/Administrative Responsibilities:
1. Associate Editor- Indian Journal of Obstetrics & Gynaecology Research
2. Member Editorial Board- Current Trends in Gynaecological Oncology
3. Member Editorial Board –Indian Journal of Obstetrics & Gynaecology

Conferences/Workshops/Trainings Organized:
1. Live Operative Laparoscopic workshop
2. Urogyne workshop under the aegis of FOGSI
Dr. Abhay Elhence
Articles Published/Accepted: 7
Conference/ Workshops/Trainings Attended: 9 National and 1 International

Conferences/Workshops/Trainings:
1. CME Hip Arthroplasty, AIIMS Jodhpur, 27th Sept. 2014
2. CME and Live Workshop, Medical College, Kota, 23rd Oct, 2014
3. IOA Annual Conference, Hyderabad, 19th - 24th Nov 2014 (Chaired two sessions)
4. Annual conference of Rajasthan Orthopaedic Surgeons Association (ROSACON), Mount Abu, 23rd Jan, 2015
5. AO TRAUMA-Basic principles of fracture management by AO Trauma India, Jodhpur, 19th-21st Mar, 2015
6. Annual Meeting of APASI, APASI and Pune Orthopaedic Society, Pune, 18th-19th April, 2015
7. 5th National Conference of AO Trauma India, AO Trauma India, New Delhi, 2nd-3rd May, 2015
8. Symposium on Upper Limb Trauma by Trauma Society of India, Chandigarh, 21st July, 2015

Conference/ Workshops/Trainings Organized: 4
1. Organizing Secretary, CME Hip Arthroplasty, AIIMS Jodhpur, 27th Sep, 2014
2. Organizing Committee Member, AO TRAUMA-Basic principles of fracture management, AIIMS Jodhpur, 19th-21st March, 2015
3. Quiz master of Rajasthan State PG Quiz, 2014
4. Quiz master of Rajasthan State PG Quiz, 2015

Academic/Administrative Responsibilities:
1. Reviewer, IJO
2. Life Member, Shoulder and Elbow Society of India
3. Member, AO Trauma India
4. Secretary, APASI

Dr. Divesh Jalan
Articles Published/Accepted: 5
Award: J & J travelling Fellowship of Indian Orthopaedic Association for attending IOACON Nov, 2014
Conference/ Workshops/Trainings Attended: 4 National

Conferences/Workshops/Trainings:
1. Annual Conference of Indian Orthopaedic Association (IOACON), Hyderabad, Nov, 2014
2. Annual conference of Rajasthan Orthopaedic Surgeons Association (ROSACON), Mount Abu, Jan, 2015
3. 1st Annual conference of Indian Musculoskeletal Oncology Society, Tata Memorial Hospital, Mumbai, Mar, 2015
4. 5th Annual conference of AO trauma India, AO trauma India, Delhi, May 2015

Conference/ Workshops/Trainings Organized:
1. Co-organizing Secretary CME Hip arthroplasty, AIIMS Jodhpur, 27th Sep, 2014
2. Organizing Committee member, AO TRAUMA-Basic principles of fracture management, AIIMS Jodhpur, 19th-21st March, 2015
Academic/Administrative Responsibilities:
1. Life Member, Shoulder and Elbow Society of India
2. Reviewer, BMJ Case Report
3. Reviewer, Journal of Clinical Orthopaedics and Trauma

Department of Pathology

Departmental Achievements:
The following tests were carried out by the Department of Pathology from September 01st, 2014 to August 27th, 2015: 16049 CBC, 5437 ESR, 1512 PBF, 10870 Urine Microscopy, 175 Second Referral HPE and 1824 in-house surgical specimens (including Cytology cell blocks), 1342 Pap smears, 1354 FNAC (including USG guided FNAC), 740 IHC and more than 289 other miscellaneous tests. The Department has a fully functional IPD Pathology Laboratory with state-of-the-art automation including automated Immunohistochemistry (IHC) and Liquid Based Cytology (LBC) for Pap smears. A fully functional Modular Practical Laboratory is in place for teaching Undergraduate students.

Dr. Shilajit Bhattacharya:

Conferences/Workshops/Trainings:
1. Chaired sessions during the 43rd Annual conference of Indian Association of Pathologists & Microbiologists (APCON-2014), held at AFMC Pune from 19th-22nd December, 2014. namely Molecular markers in Lung Tumours
   Intestinal lymphoproliferative disorders
2. Also Judged the posters in the above conference.

Dr. Poonam Elhence:
Articles Published/Accepted: 01

Conferences/Workshops/Trainings:
1. Attended CME on Surgical Pathology at TMH, Mumbai from 31st Oct 2014 to 2nd Nov 2014 and
2. CME on Updates in Head and Neck Pathology at TMH, Mumbai from 14th Feb 2015 to 15th Feb 2015.
4. Member, Organizing Committee, ACBICON 2014, AIIMS, Jodhpur

Department of Pediatric Surgery

Dr. Arvind Sinha

Conference/Workshops/Trainings:
3. Chaired a session in 8th Pediatric Surgery Update in Maulana Azad Medical College on 13th Feb, 2015
4. 4th Annual Conference of Pediatric Urology Chapter of Indian Association of Pediatric Surgeons (Ped Uro Con 2014) in Bangalore in Sept 2014
5. 40th National Conference of Indian Association of Pediatric Surgeons in Ooty in Oct 2014
6. International Live Operative Workshop on Exstrophy Epispadias Complex in Ahmedabad from 14th-16th Jan, 2015
7. Mid Term CUE NZUSI 2015 (North Zone Urological Society of India) conference in Jun 2015, Jodhpur

Administrative/Academic Responsibilities:
1. Appointed Examiner for MCh Examination in Gujarat University

Department of Pediatrics

Dr. Kuldeep Singh
Articles Published/Accepted: 09
Abstracts Published/Accepted: 04
Paper Presentation: 04
Book Chapters: 01

Awards/Fellowship:
1. Awarded Fellowship of National Academy of Medical Sciences (India) on 18th October 2014 at AIIMS Rishikesh.
2. Dr Shyam Lal Saksena memorial Award at NASMCON 2014 at AIIMS Rishikesh on 19th October 2014
3. NAMS Amritsar 2007 Award for Best paper amongst award papers at NAMSCON 2014 on 19th October 2014 at AIIMS Rishikesh.

Conferences/Workshops/Trainings:
1. Lectures Delivered: NAMS Symposiaums, ACBICON 2014, Darbhanga Medical College, ARS Trivandrum.

Academic/Administrative Responsibilities:
1. Appointed Coordinator for NAMS Center for Research in Medical Education
2. Appointed Associate Editor, Annals of the National Academy of Medical Sciences (India), New Delhi w.e.f from July 2015
3. National Advisory Board of Indian Pediatrics.
4. Reviewer BMC Medical Education, BMJ case reports, Indian Pediatrics, IJCB
5. PhD Guide Medical Genetics at SGPGIMS, Lucknow

Research Projects:
1. Co-PI in ICMR sponsored project on Nutritional Deficiency-Ongoing
2. Guided successfully completed ICMR-STS project of Nikhil Rajvanshi

Dr. Neeraj Gupta
Articles Published/Accepted: 5
Book Chapters: 2

Conferences/Workshops/Trainings:
1. Faculty at 'Neonatal Ventilation Workshop' which was organized by Department of Pediatrics, AIIMS, New Delhi from 30th April, 2015 to 3rd May, 2015. Delivered two talks on 'High Frequency Ventilation' and 'Acute Deterioration of a Ventilated Newborn' and carried out one workstation and four case studies.
2. Part of 'Project Review Committee' constituted by ICMR to screen the concept proposals on project entitled 'ICMR Call for proposal on Interventions for Preventions of Prematurity'- Meeting held at ICMR, Delhi on 5th May, 2015
3. Faculty at 'Neonatology Symposium' organised at Mother and Child Centre, MDM Hospital, Jodhpur from 1st Aug - 3rd Aug, 2015. Delivered talks on 'High Frequency Ventilation' and 'Pulmonary Graphics' and participated in panel discussion.
4. Part of 'External Quality Review Team' for Quality Improvement Project on 'Childbirth and Newborn Care' in Primary Health Care Centres of Haryana, a WHO initiated project-from 13th -14th August, 2015
5. Faculty at 'CME cum Workshop on Mechanical Ventilation in Children', organized by AIIMS, Raipur on 22nd Aug, 2015

Dr. Daisy Khera

Conferences/Workshops/Trainings:
4. Attended CME of Kalawati Saran Children's Hospital as faculty in March, 2015 at New Delhi.
6. Attended symposium on Pediatric Cardiology at MCH center, MDM Hospital, Jodhpur on 5th July, 2015.
7. Attended CME on Rare disorders in children organised by IAP Marwar in Jodhpur on 26th July, 2015.

Department of Pharmacology

Departmental Activities:
AIIMS, Jodhpur designated as Adverse Drug Reaction Monitoring Center (AMC) of PwPi in the year 2014, under Department of Pharmacology. Dr. Pramod Kumar Sharma, was appointed as the Co-coordinator and Dr. Surjit Singh as Deputy in-charge for the same. As of now 50 ICSRs (Individual Case Safety Report) have been received from different clinical Departments to IPC, Ghaziabad, the National Coordination Centre (NCC) for Pharmacovigilance Programme of India (PvPi). In May 2015, Causality Assessment Committee (CAC) constituted under the Chairmanship of Dr. Pramod Kumar Sharma. Dr. Vikram Singh (Assistant Professor, Dept. of Medicine) and Dr. Surjit Singh are members of the Causality Assessment Committee.

Dr. Sneha Ambwani
Abstract Published/Accepted: 1

Conference/Workshop/Trainings:
1. CME on Immunology-2014; Infectious diseases and Immunology: An overview by Department of Microbiology, AIIMS, Jodhpur on 12th-13th Sept 2014
2. CME on PMDT 2014; Programmatic Management of Drug Resistant Tuberculosis by Department of Microbiology, AIIMS, Jodhpur on 22nd Nov 2014
3. Public Health Ethics by Department of Community Medicine & Family Medicine, AIIMS, Jodhpur from 1st - 5th Dec 2014
4. 41st annual conference of Association of Clinical Biochemists of India; “Integration in lab medicine: The Emerging Paradigm” Organized by AIIMS, Jodhpur from 10th-13th Dec 2014
5. National Teacher Training Centre for Health Professionals at Jawaharlal Nehru Institute of Post graduation Medical Education & Research (JIPMER), Puducherry from 2nd-7th Feb, 2015
6. CME on Flow Cytometry, All India Institute of Medical Sciences, Jodhpur on 28th Feb, 2015
7. Regional Symposium on Emerging epidemic of obesity: Causes,
Concerns and Consequences organized by NAMS, India at AIIMS, Jodhpur on 8th March, 2015
8. Certified course of Leadership and Management in Health from University of Washington in March 2015

Administrative/Academic Responsibilities:
1. External Examiner for M.Pharm/ B.D.S. - Jodhpur National University, Jodhpur
2. External Examiner for LGMC, Gujarat University, Gujarat
3. Sumandeep Medical college, Vadodara, Gujarat
4. External Examiner, Geetanjali Medical College & Hospital, Udaipur
5. External Examiner, Rajasthan University of Medical Sciences, Rajasthan

Dr. Pramod Kumar Sharma:
Articles published/Accepted: 1

Administrative/Academic Responsibilities:
1. External Examiner for Sardar Patel Medical College, Bikaner, Rajasthan

Dr. Surjit Singh:
Articles Published/ Accepted: 1

Conference/Workshop/Trainings:
1. CME on PMDT 2014; Programmatic Management of Drug Resistant Tuberculosis by Department of Microbiology, AIIMS, Jodhpur on 22nd Nov 2014
2. Public Health Ethics by Department of Community Medicine & Family Medicine, AIIMS, Jodhpur from 1st - 5th Dec 2014
3. Fundamental Critical Care Support by Department of Anesthesiology, AIIMS, Jodhpur on 6th -7th Dec. 2014
4. “IS ID-NAT USEFUL IN INDIAN CONTEXT?” by Department of Transfusion Medicine and Blood Bank, AIIMS, Jodhpur on 12th April 2015
5. 41st annual conference of association of clinical biochemists of India; “Integration in lab medicine: The Emerging Paradigm” Organized by All India Institute of Medical Sciences, Jodhpur on 10th –13th Dec. 2014
6. Regional Symposium on Emerging epidemic of obesity: Causes, Concerns and Consequences organized by NAMS, India at AIIMS, Jodhpur on 8th March 2015

Dr. Sabyasachi Sircar:
Articles Published/Accepted: 4
Abstracts Published/Accepted: 2

Conferences/Workshops/Trainings:
1. 3rd Annual State Conference of APPI, Kolkata, West Bengal on 14th March 2015.
2. APPICON 2014, Puri, Odisha, 20th – 22nd November 2014

Academic/Administrative Responsibilities:
1. Award for Best Teacher in Physiology by Association of Physiologists & Pharmacologists of India on 20th November 2014
2. Editor of the Indian Journal of Physiology and Pharmacology (IJPP) since March 2014
3. Life Member of Association of Physiologists & Pharmacologists of India
4. Examiner for undergraduate’s examination (Supplementary) at AIIMS Jodhpur on 18th –19th September 2014.

Dr. Rajesh K Sharma:
Articles Published/Accepted: 3

Conferences/Workshops/Trainings:
1. NAMS-AIIMS symposium on Food Safety, AIIMS Jodhpur , 6th-7th April 2015

Administrative/Academic responsibilities:
1. Life Member of Association of Physiologists & Pharmacologists of India
2. Editorial Member of the International Physiology
3. Editorial Member of the International Journal for Basic Medicine and Clinical Research.
4. Examiner for undergraduate’s examination (1st Professional) at AIIMS Rishikesh on 24th –25th July 2014

Dr. Abhina Dixit
Articles Published/Accepted: 1
Abstracts Published/Accepted: 1

Conferences/Workshops/Trainings:
1. Annual Conference of Association of Clinical Biochemists of India (ACBICON-2014) 10th to 13th December 2014.
2. APPICON 2014, Puri, Odisha, 20th – 22nd November 2014
3. Training in Public Health Ethics, 1st to 5th Dec 2014, All India Institute of Medical Sciences, Jodhpur

Administrative/Academic Responsibilities:
1. Life Member of Association of Physiologists & Pharmacologists of India
2. Senior Editor in Indian Journal of Medical Specialities, January 2015 onwards.
3. Member of American Physiological Society since 1st January 2015 onwards.

Research Projects:
1. Recording and processing of facial surface electromyography signals from laryngectomised patients & healthy volunteers- a pilot study- Collaborative project with MBM Engineering College, Jodhpur

Dr. Bharti Mehta:
Articles Published/Accepted: 3
Abstracts Published/Accepted: 3

Conferences/Workshops/Trainings:
3. Training in Public Health Ethics, 1st to 5th Dec 2014, All India Institute of Medical Sciences, Jodhpur
4. International Conference on Medical and Biomedical Engineering. (ICMBE) 2015, World Academy of Science, Engineering and Technology (WASET.org), Toronto, Canada, 15th–16th June 2015.
5. NCHPE-2014, MGIMS, Sevagram, Wardha, 24th–27th Sep 2014
6. Pediatric EEG for paediatricians, SDMH, Jaipur, 2nd Nov 2014

Academic/Administrative Responsibilities:
1. Life Member of Association of Physiologists & Pharmacologists of India.
2. Life Member of Association of Physiologists (ASSOPI) of India since 2014
3. Selected for FAIMER Fellowship at CMC Ludhiana in Jan. 2015
4. Appointed as a subject expert by National Board of Examination.
5. Completed an online course on Leadership & Management in Health conducted by University of Washington
6. Examiner for MSc Physiology examination at SNMC Jodhpur on 12th–13th March 2015
7. Examiner for MD Physiology examination at SNMC Jodhpur on 14th July 2015
8. Examiner for MD Physiology examination at SMS Jaipur on 20th–21th July 2015

Dr. Om Lata Bhagat:
Articles Published/Accepted: 4
Abstracts Published/Accepted: 3

Conferences/Workshops/Trainings:
2. APPICON 2014, Puri, Odisha, 20th – 22nd November 2014
4. NAMS-AIIMS symposium on Food Safety, AIIMS Jodhpur, 6th–7th April 2015
5. CME on Blood Safety at AIIMS, Jodhpur on 12th April 2015.
6. Attended workshop on Bioinformatics at DMRC, Jodhpur on 28th–29th March 2015

Academic/Administrative Responsibilities:
1. Life Member of Association of Physiologists & Pharmacologists of India
2. Life member of Indian Public Health Association.
3. Life member of Indian Association of Adolescent Health.
4. Associate Editor (Physiology) of Indian J of Physiology & Pharmacology since Oct 2014.

Research Project:
1. Medical partner for the project “Enabling technology for intelligent wireless sensor network for health monitoring”, jointly funded by ISTP and GITA

Dr. Purnima Sharma:
Articles Published/Accepted: 3
Abstracts Published/Accepted: 1

Academic/Administrative Responsibilities:
1. Life Member of Association of Physiologists & Pharmacologists of India
2. External Examiner for BPT Part-I at SNMC Jodhpur on 6th–7th Jan 2015

Dr. Bharti Bhandari:
Articles Published/Accepted: 7
Abstracts Published/Accepted: 4

Conferences/Workshops/Trainings:
1. 71st Course on Education Science for Teachers and Health Professionals, JIPMER, Puducherry, 2nd–7th Feb 2015.
2. Annual Conference of Association of Clinical Biochemists of India (ACBICON-2014) 10\textsuperscript{th} to 13\textsuperscript{th} December 2014.
3. Golden ASSOPICON 2014, JIPMER, Puducherry, 15\textsuperscript{th}–19\textsuperscript{th} Dec 2014
4. Training in Public Health Ethics, 1\textsuperscript{st} to 5\textsuperscript{th} Dec 2014, All India Institute of Medical Sciences, Jodhpur
5. NCHPE-2014, MGIMS, MGIMS, Sevagram, Wardha, 24\textsuperscript{th}–27\textsuperscript{th} Sep. 2014

**Academic/Administrative Responsibilities:**
1. Life Member of Association of Physiologists & Pharmacologists of India
2. Life Member of Association of Physiologists (ASSOPI) of India since 2014
5. External Examiner for BPT Exams at SNMC Jodhpur on 19th June 2015
6. Completed an online course on Leadership & Management in Health conducted by University of Washington

**Department of Psychiatry**

**Dr. Naresh Nebhinani**

Articles Published/Accepted: 10
Abstracts Published/Accepted: 8
Awards: Received MAMS Award by National Academy of Medical Sciences, October 2014

**Conferences/Workshops/Trainings:**
1. 67\textsuperscript{th} Annual National Conference of Indian Psychiatric Society-ANCIPS (Hyderabad, 8\textsuperscript{th}–11\textsuperscript{th} January, 2015)
2. Mid-term CME of Indian Psychiatric Society- North Zone (S N Medical College, Jodhpur, 5\textsuperscript{th} April, 2015)
3. Post Graduate Development Program, by Indian Psychiatric Society- North Zone (Mussoorie, 20\textsuperscript{th}–21\textsuperscript{st} June, 2015)
4. As invited speaker on Common psychiatric disorders: An overview (Border Security Force, Head Quarter, Jodhpur, 27\textsuperscript{th} September, 2014)
5. As invited speaker on How to manage stress at border areas (Border Security Force, Head Quarter, Jodhpur, 27\textsuperscript{th} September, 2014)
6. As invited speaker on How to handle stress among youth (Indira Yog Sansthan, Jodhpur, 25\textsuperscript{th} January, 2015)
7. As invited speaker on Principles of deaddiction treatment (Mannat deaddiction centre, Jodhpur, 17\textsuperscript{th} March, 2015)
8. As invited speaker on Positive thinking: One solution for many problems. (Indira Yog Sansthan, Jodhpur, 28\textsuperscript{th} March, 2015)
9. As invited speaker on Mental Health Awareness (Indira Yog Sansthan, Jodhpur, 2\textsuperscript{nd} May, 2015)
10. As invited speaker on Integrated approach of Psychology & Yogi science for Positive Mental Health. (In Orientation Program for BSc Nursing batch 2015 at College of Nursing, AIIMS Jodhpur, 10\textsuperscript{th} August, 2015)
11. As invited speaker on Integrated approach of Psychology & Yogi science for Positive Mental Health. (In Orientation Program for MBBS batch 2015 at AIIMS Jodhpur, 10\textsuperscript{th} August, 2015)
13. Attended Certificate Course on 'Scientific Paper Writing' jointly organized by SGPGI-NIH, Bethesda, US at SGPGI Lucknow (27.02.15 - 01.03.15)
14. Attended 2\textsuperscript{nd} contact session of FAIMER (Foundation of advancement of international medical education and research) fellowship at Seth G S Medical College & KEMH, Mumbai (25\textsuperscript{th} to 29\textsuperscript{th} April 2015)

**Academic/Administrative Responsibilities:**
1. Editor: MINDS Newsletter
2. Assistant Editor: Journal of Geriatric Mental Health, Indian Journal of Social Psychiatry
4. Council member in Indian Association for Child and Adolescent Mental Health (IACAM)
5. Participated in the Internet-Based Field Study for ICD-11 Mental and Behavioral Disorders
6. Organized a Workshop on Youth mental health: Role of connectedness on 31st March 2015
7. Organized Mid-term CME of Indian Psychiatric Society- North Zone (Scientific Committee) (S N Medical College, Jodhpur, 5\textsuperscript{th} April, 2015)
8. Member Secretary of Student Welfare Committee AIIMS, Jodhpur
9. Member, Women Cell, IIT, Jodhpur
Dr. Nishant Chauhan:
Articles Published/ Accepted: 3
Research Projects : 1, ICMR-STS Project by Parul Sanwaria

Conference/ Workshops/ Trainings:
1. As a panelist in a CME on programmatic management of MDR-TB held at AIIMS Jodhpur in Nov-2014
2. National faculty (Speaker) on Narrow band imaging Videobronchoscopy at the National Conference of Bronchology & Interventional Pulmonology (BRONCOCON-2015) held at Udaipur in April 2015
3. Meeting on “Future strategies for prevention and control of silicosis” in June 2015, organized by an NGO in Jodhpur
4. Chaired a session on Pulmonary Vascular Diseases at the Post Graduate CME & Quiz held at JLN Medical College, Ajmer in August 2015 under the Rajasthan chapter of National College of Chest Physicians, India

Dr. Naveen Dutt
Articles Published/ Accepted: 2

Department of Radio-Diagnosis

Dr. Pushpinder S. Khera
Articles Published/ Accepted: 1

Conferences/Workshops/Trainings:
1. As speaker in TEPCON 2015 (Troubleshooting in Endovascular Practice): Organized by Association of Vasc Surgeons, Gujarat at Ahmedabad, Jan 2015; oral presentation on “Endovascular management for a case of lower Gastrointestinal bleed”.
2. As speaker in West Zone Yuva Fogsi 2015: Organized by Federation of Gynecologists and Obstetricians of India (FOGSI) at Jodhpur, August 2015; lecture on “Role of Interventional Radiology in the management of Post-Partum Hemorrhage”.
3. As speaker in West Zone Yuva Fogsi 2015: Organized by Federation of Gynecologists and Obstetricians of India (FOGSI) at Jodhpur, August 2015; panel discussion on “Management of fibroids”.
4. Attended Ramachandra Advanced Interventional Neuroradiology (RAIN) course: organized by Department of Neuroradiology, Sri Ramachandra Medical College (SRMC), Chennai, 13th – 16th Nov 2014
5. Attended Annual Conference of ISVIR (Indian Society of Vascular and Interventional Radiology) at Hyderabad, 19th–22nd Feb 2015
6. Attended Mid-term CME of ISVIR at Chandigarh, 8th and 9th Aug 2015

Department of Radio-Therapy

Dr. Puneet Pareek
Articles Published/ Accepted: 4

Research Projects:
1. Home Based Palliative Care, A Pilot Study in Jodhpur
2. Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer

Department of Transfusion Medicine and Blood Bank

New Services/Technologies/Investigations:
Blood bank was licensed on 23rd January 2015, from Drug controller Rajasthan and was inaugurated and became fully functional on 26th January 2015.
1. More than 900 blood units collected.
2. More than 1500 blood components issued to In-Patients and in other private hospitals.
3. Department has organized more than 12 voluntary blood donation camps.
4. More than 25 platelet apheresis procedures performed.
5. Facility of therapeutic apheresis (plasma exchange etc) has been started.

Conference/Workshops/Trainings Organized:
1. CME organized on blood safety on 12th April 2015 “Is iD-NAT useful in Indian context”
2. Honorable health minister of India inaugurated first Real time online blood inventory on AIIMS, Jodhpur website on 6th June’ 2015.

Dr. Saptarshi Mandal:
Abstracts Published/Accepted - 1

Conferences/Workshops/Trainings:
2. Attended workshops at CMC Vellore on

Research Projects:
1. ICMR STS2014 successfully completed lead to selection of STS mentee in top 40 of STS 2015 and invitation to participation in SAFHER “Foundation workshop on Clinical and Laboratory Medicine Research” February 9th-12th, 2015 at National Institute of Pathology (ICMR), New Delhi.
2. Abstract of ICMR STS 2014 nominated for student poster award at American Association for Clinical Chemistry 2015
3. Ongoing Collaborative research on biomarkers in hemodialysis with ESIPGIMSR Manicktala Kolkata
4. Initiated research on Platelet function testing on innovative platforms including AIIMS-IIT Jodhpur collaboration and a collaborative intramural research
5. ICMR STS 2015 and collaborative intramural research approved on Platelet function testing

Dr. Archana Bajpayee
Articles Published/Accepted - 1

Conferences/Workshops/Trainings:
1. Oral paper presented in ISTM Transmedcon 14th-16th November 2014, Ahmedabad
5. Presented CGRs on Transfusion Reaction Management and Transfusion Transmitted Infection Prevalence

Dr. Mahaveer Singh Rodha

Conferences/Workshops/Trainings:
1. As a speaker in “TRAUMA- 2014” organised by Department of Emergency and Trauma, JPN Apex Trauma centre, AIIMS, New Delhi from 26th Dec 2014 to 1st Jan 2015.
2. As a speaker in “CME in Surgery 2015” at AIIMS, New Delhi on 1st March 2015.
3. As a speaker in “Endosurg-2015 Organised at AIIMS, New Delhi from 13th to 15th march 2015.
5. Participated as Delegate in “SELSICON 2015” at Cochin from 13th to 15th August 2015.

Dr. Shilpa Goyal

Book Chapter: 1

Conference/Workshops/Trainings:
1. Attended AHA Certified ACLS course from IIEMS, Hyderabad.
2. Attended FCCS Instructor Course.
The Computerized Patient Management System (CPMS) at our Institute is a single window software for managing all patient related activities of All India Institute of Medical Sciences, Jodhpur. The salient features of CPMS are as follows – online patient registration, out patient management, admissions and in patient management, investigation ordering and retrieval of reports, patient referral, personnel management, store distribution, equipment management, blood bank, medicolegal aspects, health statistics, family planning, reproductive health and maternal and child health activities. In addition, the system also caters to ancillary hospital services such as ambulance administration, Central Sterile Services Department (CSSD), Biomedical Waste Management (BMW), Operation Theatre services, ICU and Wards, Peripheral centers of the Institution (Rural and Urban Healthcare centers) etc. can also be accessed from the same software. It includes a real time monitoring of patient movement, inter-hospital transfer of all patients and their hospital information, as required.

The CPMS was Inaugurated by Shri. Jagat Prakash Nadda, Honourable Minister of Health and Family Welfare, Government of India on 6th June, 2015. The inauguration was attended by Shri. Gajendra Singh Shekhwat, Shri. Manoj Rajoria, Honourable Members of Parliament (M.Ps) and members of Institute Body, Prof CVR Murty, Director, IIT, Jodhpur.


The vision of Digital India is included in our endeavors to achieve a paperless Hospital management and Data storage System.

The different Modalities of Hospital Activities which are catered for by the CPMS are:

- All OutPatient Department (OPD) activity, Patient Registration - one time, bar coded, Consultation, Prescription, Investigations, Vaccination, Drugs, injection, Physiotherapy etc. all are done online.

- All Inpatient activity Admission, Patient record, medical treatment, surgical treatment and procedures, Investigations, Medicolegal and Police Formalities, Discharge, Death Certificates, Scheduling for OT, Allotment/Reservation of hospital beds and patient referral, all are done online.

- Pharmacy and stores – Online procurement and distribution of drugs and pharmacy without the need to maintain registers at every
point, automatic debit of indent from pharmacy stock indent can be generated in any, OPD, Ward, Theatres. Stock keeping, online tracking of pharmacy stock with warnings on low levels and expiry dates.

- Equipment tracking of all hospital equipment from bedpans to Lasers with one time online data entry.
- Linen and laundry stores – tracking of all linen with one time data entry, issue, condemnations, repairs all are tracked online.
- The system tracks each cash deposit of any kind and cash exit from the hospital at all cash counters. It keeps track of refunds and generates a detailed daily cash record.
- Biomedical Waste generation, its transport and disposal are tracked from each collection site to the incineration site, with warning if a bag is missed. The total amount of waste generated in any hospital system is recorded category wise (as per safety guidelines) for monitoring purposes.
- Blood Bank Management is completely online from blood donation, its storage and the issue of blood and all steps are monitored.
- Hospital Kitchen, all dietary prescriptions and tracking is done online. Diets can be prescribed only to bona-fide patients. Therefore, misuse is avoided.
- All health statistics currently being collected by the Department of Health and Family Welfare such as admissions, mortality, infant mortality, vaccination, family planning procedures etc. are catered to by the CPMS. All work and records related to maternal and child health services can be done online and all records can be retrieved instantly.

Such efficient record keeping and the ability to retrieve all patient data and records allows and facilitates clinical research, which is an important and integral component of a tertiary level Institute of National Importance.

Thus, CPMS allows for workflow optimization and allocation of healthcare professionals to maximize output with least stress, at all levels – Consultant, Resident or Paramedical staff as well as Inter healthcare professional referral, coordination and accounting of healthcare professional leaves, duties, transfers and replacement of workers. Each and every person related to the healthcare service uses the system through a personalized login ID. Therefore, workflow is made efficient and repetitive tasks and wastage and misallocation of resources is avoided. Overall revenue generation and work efficiency increases without increase of individual workload. Therefore, AIIMS, Jodhpur takes pride in being one of few select Medical Institutes in India and the first public sector hospital in the country to have a comprehensive and completely integrated Computerized Patient Management System.

Prof. Sanjeev Misra & Dr. Rajesh Sharma

(On behalf of IT Cell, AIIMS, Jodhpur)
The Central Laboratory and Blood Bank Complex of AIIMS, Jodhpur which includes Pathology, Biochemistry, Molecular diagnostics, Microbiology and Blood Bank was formally inaugurated on 6th of June, 2015 by Shri Jagat Prakash Nadda, Hon'ble Minister of Health & Family Welfare, Government of India, Shri Gajendra Singh Shekhawat, Hon'ble Member of Parliament and Dr. Manoj Rajoria, Hon'ble Member of Parliament in the presence of Dr. Sanjeev Misra, Director, AIIMS Jodhpur. The event was widely publicized and well attended. The live online Blood Inventory of AIIMS Jodhpur Blood Bank was also demonstrated during the Inauguration. It was also impressed upon the Hon'ble guests about AIIMS Jodhpur’s outreach facility for other Medical Institutes in this region and how the blood banks can contribute towards effective management of disasters.

Dr. Shilajit Bhattacharya
The Department of Physical Medicine and Rehabilitation was inaugurated in the PMR block on 6th June, 2015.

The small yet dynamic single Faculty unit, was set up as a state-of-the-art facility with a 'Neuro-rehabilitation wing', 'Musculoskeletal Rehabilitation wing', 'Paediatric Rehabilitation wing', 'Hand Function Unit', 'Laser wing', 'Lymphoedema management wing', 'Gait training lab', 'Electrotherapy and Traction wing' and the 'CPM wing'; and is now rendering comprehensive rehabilitation services.

The Department, in a very short span since its inception, has catered to 21,000 patients in the outpatient clinic, and has had more than 40 inpatients availing the neuro-rehabilitation services.

The PMR unit boasts of an unweighing system for completely off-loading the body weight, a gait training system for debilitated patients unable to walk on their own. The PMR unit also conducts gait correction treatment based on kinematic parameters and foot pressure measurements and has so far performed 189 such procedures.

PMR unit takes special pride in its "Interventional pain management program " and its “Spasticity reducing intervention program”, and has performed over 200 Ultrasound guided and C-arm guided blocks and about 16 spasticity reducing interventions including phenol blocks, botox injections and local anaesthetic blocks.

In addition, the Department has provided "Brain Gym therapy" to 15 children in the past four months and utilized specialized initiation of therapy techniques viz. taping for over 150 patients and phonophoresis for more than 500 patients.

All in all, it would not be wrong to say that the PMR unit has taken small yet valuable steps towards setting up a state of the art rehabilitation unit.

Dr. Abhay Elhence
The Department of Radiodiagnosis organised a CME on “Gastrointestinal and hepato-pancreatic-biliary interventions” on 24th August, 2014 at AIIMS Jodhpur.

The programme was attended by sixty delegates in addition to the Vth and IIIrd semester MBBS students.

A lecture on the established and emerging role of Interventional Radiology in various gastrointestinal disorders was delivered by Dr. Shyamkumar NK, Head, Department of Radiology, CMC, Vellore. It included brief description and illustrative cases of various procedures such as TIPS, GI embolisation, recanalisation for hepatic venous outflow obstruction, intra tumour chemotherapy, tumour ablation, biliary drainage etc.

Dr. Sabir Hussain and Dr. Pushpinder S. Khera delivered lectures on “Clinical aspects of portal hypertension” and “Transjugular liver biopsy” respectively.

The instruments and hardware used in various interventional procedures were also on display for the delegates.

Dr. Pushpinder S. Khera
First Responder Pre–Hospital Trauma Care Training Program: Ensuring early care

Amidst sprawling multi-speciality medical care centres across the length and breadth of Jodhpur district, we often come across news of accident victims dying on their way to the hospital. Unfortunate though it may sound, this also highlights the grim reality of centralized emergency response system of this renowned tourist spot. First responder’s are policemen, traffic personnel and firemen who generally are the first to reach the site of accident and are entrusted with the dual responsibility of ensuring both good care to victims and maintenance of law and order in those tense emotional situations. Such huge expectations remain largely unaddressed as, so far, no training program encompasses their capacity building in this regard and mostly their role is limited to defusing the situation by any possible measures.

Understanding and addressing this gap of providing optimum care to trauma victim is essential with road traffic accidents soon occupying centre stage as one of the leading causes of death and disability due to rapid urbanization. State run 108 ambulance services is definitely a welcome initiative in this direction but, largely fulfils the role of providing transport services to injured patients.

AIIMS Jodhpur with its commitment to develop state of art health services and building human resource in this regard introduced First Responder Trauma Care training Program in collaboration with district authorities. Launched in the fall of year 2014, these training sessions are appreciated and welcomed by both trainees and their respective organizations. In current year 2015, experts from AIIMS Jodhpur have also visited Rajasthan Police Academy, Jaipur to share their set of core skills.

A series of training sessions have been conducted with in-house support of Faculty of various specialities (Community Medicine, Anaesthesiology, Orthopaedics & General Surgery). A series of lectures and hands-on training sessions were conducted for first responder’s to provide them an understanding of essential concepts and skills needed to ensure emergency care in pre-hospital setting. First responder’s are trained in the basic concepts of managing airway, haemorrhage, stabilization of cervical spine, splinting of fracture using negligible to minimum resources during transit time of trauma victim to health care facility.

Building a training programme in a society where emergency care is provided by lay persons and bystander’s is ambitious, and this need remains largely unfulfilled. There is a strong need for a national emergency system to provide care in the first golden hour.

Dr. Ranabir Pal & Dr. Neeti Rustagi
CME on Programmatic Management of Drug Resistant Tuberculosis – 2014 was organized by Department of Microbiology, All India Institute of Medical Sciences, Jodhpur on 22nd November, 2014 under the aegis of International Union Against Tuberculosis And Lung Diseases, New Delhi. The CME focused on “Programmatic Management of Drug Resistant TB” (PMDT), formerly called as DOTS Plus, refers to a programme based MDR-TB diagnosis, management and treatment under RNTCP which promotes full integration of regular TB control activities and PMDT in order to facilitate the earliest possible evaluation of TB patients under treatment for drug resistance and place them on appropriate drug regimens.

Objectives of the CME were:

• To obtain an overview of the latest developments in RNTCP (Ban on TB serology, Notification of TB, National Strategic plan)
• To sensitize the participants on MDR-TB burden (Global and National), its causes, prevention, diagnosis and management
• To discuss the issues/experiences related to prevention, diagnosis and management of MDR-TB locally

Various lectures were presented on TB Burden in India by Dr. Pankaj Bhardwaj, Department of CM & FM, AIIMS, Jodhpur; Revised National TB Control Programme including PMDT by Dr. Sanjay Sinha, State WHO Consultant RNTCP, Rajasthan; Childhood TB by Dr. Kuldeep Singh, Department of Pediatrics, AIIMS, Jodhpur; Extra pulmonary TB: Diagnosis and management by Dr. Ashwani Khanna, TB and Chest Physician, State TB Officer, Delhi; Diagnosis of TB, and MDR-TB by Dr. Vijaya Lakshmi Nag, Prof. and Head, Department of Microbiology, AIIMS, Jodhpur; Management of MDR – TB by Dr. Deepak Yaduvanshi, Senior Consultant and Head Respiratory and Critical Care Medicine, ex WHO Consultant, and RNTCP and TB C&DST Lab, Jodhpur – an update by Dr. Neetu Bohra, Technical Officer, TB C & DST Lab, Department of Microbiology, SNMC, Jodhpur.

Dr. Anuradha Sharma
A five day workshop on Public health ethics was organized by the Department of Community Medicine and Family Medicine from 1st-5th December, 2014 considering its importance in today’s context. Dr. Pankaja R. Raghav, Prof. and Head of the Department was the Organizing Chairperson and Dr. Pankaj Bhardwaj was the Organizing Secretary of the workshop. A total of 34 doctors and researchers participated from all over the country. The Faculty constituted of experts of National and International repute. The participants were enthused with the conceptual presentation and contextual discussions on ethics. The principle of public health ethics was very well highlighted in the workshop. In his opening remarks, Dr. Sanjeev Misra, Director, AIIMS, Jodhpur stressed on the need of adopting ethical practices during each research endeavour.

Dr. Pankaja Ravi Raghav & Dr. Pankaj Bhardwaj
The Department of Biochemistry successfully hosted the 41st Association of Clinical Biochemists of India Conference (ACBICON) 2014 at AIIMS Jodhpur from 10th December to 13th December, 2014. It was a four day event, beautifully segregated into Workshops, CME’s, Orations, plenary sessions, key notes, oral and poster presentations and five industrial lectures in plenary sessions. There was a grand trade exhibition with 62 stalls of more than 30 corporate vendors.

The conference was preceded by a pre-conference workshop and CME on 10th December, 2014. The first was the workshop on Basics of Flow cytometry coordinated by Dr. Sudip Sen and Dr. Sanjeev Kumar Gupta from AIIMS, New Delhi. The workshop included lectures by the coordinators on basic and applied Flow cytometry and was followed up by practical hands-on session. The workshop was attended by 50 participants. The pre-conference CME was on Integrating Biochemistry in the Medical Curriculum, coordinated by Dr. Sucheta P. Dandekar, Dr. Ishtiyaq Ahmad Shaafie, Dr. KG Gomathi and Dr. Pankaj Bhardwaj. The CME had active participation by all the participants with active discussion on modalities for integration of Biochemistry in medical curriculum. This was followed by Editorial Board Meeting, Corporate Meeting and Pre G.B Executive Meeting and sumptuous Corporate dinner. The conference commenced with the Awadesh Saran Memorial Oration delivered by Dr. Neeta Singh, AIIMS, New Delhi. This was followed by K. L. Gupta Memorial Oration delivered by Dr. Sanjeev Misra, Director, AIIMS, Jodhpur. This was followed by parallel sessions which had IFCC VLP lectures by Dr. Graham Beastall and Dr. Maurizio Ferrari and Talks on Common genetic disorders, Biomarkers of cardiovascular diseases and Vitamin D, CVD & Inflammation. This was followed by the Poster session.

Post Lunch session had parallel sessions in which Dr. Howard Morris and Maurizio Ferrari gave the IFCC VLP, lectures and Dr. V. Parmeswaran and Dr. Udayan Ray talked on Value adding laboratory services. The topic of Lead toxicity was discussed by Dr. T. Venkatesh, Dr. Praveen Sharma and Dr. Abbas Ali Mahdi. The IFCC TFYS was organized under the Chairmanship of Dr. Pradeep K. Dabla. During the session, Prof. Graham Beastall, Dr. Archan Singh, Dr. V. Parmeswaran delivered lectures and Prof. Praveen Sharma, Prof. Jayashree Bhattacharjee and Dr. Endang Hoyaranda chaired the session.

Inauguration of the 41st ACBICON 2014 was done in the presence of many eminent personalities. Prof. Graham Beastall was the Chief Guest and Prof. Maurizio Ferrari was the Guest of Honour for the function. The inauguration began with the lighting of the lamp by the honoured guests on the dias, followed by the unveiling of the Abstract booklet and Souvenir of ACBICON 2014. During the inaugural function, Prof. Praveen Sharma was conferred the new Presidentship of ACBI (2014-15). The inaugural function was also marked by bestowing of lifetime award to Prof. D. M. Vasudevan. He was presented with a Shawl and Silver plate and was conferred with the ACBI-A.J. Thakur Award for Distinguished Services to Clinical Biochemistry and Laboratory Medicine. Prof T. Ashavaid,
Prof. U Satyanarayan and Prof. Abhay Pratap were admitted as Fellows of Association of Clinical Biochemists of India.

The second day of the conference began with the plenary lecture delivered by Prof. Ravi Sirdeshmuk on “Proteomic approaches and potential of Clinical Applications: Glioma Perspective”. There were two prestigious, popular oration awards – Dr. Taranath Shetty Memorial Oration delivered by Dr. K V R Tagore and Mrs. & Dr. G. P. Talwar Oration delivered by Prof. M V R Reddy on “Autoimmune Diseases: Therapeutic role of Helminth derived Immuno-modulatory molecules”. (The scientific session comprised of invited lectures on Infectious diseases, Genomics, Proteomics, Cancer Biology and Mass spectrometry).

The final day of the conference commenced with the popular oration awards – Dr. T. N. Pattabhiraman award delivered by Dr. Barnali Das on “Cutting the extra flab from your lab platter: Lean-Six sigma” and Seth G. S. Medical College & KEM Hospital Oration delivered by Prof. Sadanand S. Naik on “One carbon metabolism and fetal growth”. These were followed up by special talks and award paper orations – Sita Devi award and P S Murthy award. A General Body meeting was also held and was followed by a valedictory function.

Dr. Praveen Sharma & Dr. Purvi Purohit
The Midterm Conference of Indian Society of Oncology
“ISOMCON 2015”

The Midterm Conference, of Indian Society of Oncology (ISO) “ISOMCON 2015”, was held on 14th-15th, February, 2015 at AIIMS, Jodhpur. This meeting was hosted under the aegis of the ISO and focused on addressing key issues in management of Breast Cancer, Colorectal Cancers and Head and Neck cancers. Dr. Sanjeev Misra, Director and Professor of Surgical Oncology, AIIMS, Jodhpur and Hon'ble Secretary, ISO, was the Organizing Chairman of the conference.

Since 1983, Indian society of Oncology has been an active forum dedicated to bring together multidisciplinary team of oncologists. By assembling leading physicians and surgeons, ISO intends to develop a platform to showcase cutting edge and indigenous cancer treatment strategies. Outstanding International and National experts participated in the conference with many productive discussions and new ideas.

Dr. Raman Deshpande from Mumbai enlightened all about screening in breast cancer with its relevance in India. Dr. Sanjay Sharma from Mumbai, spoke about conservation in breast cancer. Dr. R K Vyas, Director, GCRI, Ahmedabad shared his experience about role and techniques of adjuvant radiotherapy in breast cancer. Dr. Harit Chaturvedi, President of ISO and Dr. Ashish Goel from New Delhi, shared their experience and showed illustrative videos of recent concepts in management of rectal cancer. In the Head and Neck Cancers, Dr. Deepak Parikh explained the current role of Lasers in Head and Neck Oncology. Dr. Ravi Deo from Bangalore, clarified the controversies in the management of thyroid cancers. Many Faculty from AIIMS, Jodhpur and other Institutes participated in interesting panel discussions.

MBBS Students also attended the conference and participated in the quiz organized for them.

The meeting offered State-of-the-Art lectures, complemented by focused symposia, master video sessions and professionally-led workshops.

This conference provided an overview on newer pathways that cause progression of disease and their implication in clinical practice and evolving role of biomarkers in making treatment decisions.

Dr. Puneet Pareek
The year 2015 witnessed the prestigious “AO Trauma Principles Course” coming to AIIMS, Jodhpur. It was almost after two decades that the “Principles Course” which is usually conducted as an educational corporate event was given to an Institution. It was indeed a proud moment for the Faculty of the ‘Department of Orthopaedics’, who under the guidance of our Director, Professor Sanjeev Misra, had bid and pursued the event for one and a half years before the educational event was finally given to AIIMS, Jodhpur.

The “Principles Course” which aims at imparting conceptual knowledge about surgical principles and surgical techniques is a landmark event in the annual Orthopaedic academic calendar. The course is a unique two and a half day event where each session of didactic lectures is followed by a session of practical surgical exercise and clinical case discussions.

The course objectives and adult training modules are very accurately spelled out by the course chairman and discussed with the Faculty one day prior to the event. The uniqueness of this program is that the surgical experience, strengths and requirements of the course participants is discussed one day prior with the Faculty and the teaching and learning objectives clearly outlined for the benefit of the Faculty, who are experienced trauma surgeons and masters of their art.

For the first time in the history of AO Trauma, a very special event called the “Skills Lab” was introduced at the course at AIIMS, Jodhpur this year. The skills lab is a ‘hands-on session’ where various aspects of bone stiffness, bone fixation techniques, fracture reduction techniques and instruments, torque transmission while screw tightening and various other biomechanical aspects of fracture healing and fracture fixation were introduced.

To conclude, it would be fair to say that the event was another feather in the cap of a newly established Department, which is working hard to walk the ramp as an Orthopaedic giant in the years to come.

Dr. Abhay Elhence
A symposium on food safety was organized by the Department of Community Medicine and Family Medicine on 7th April 2015 as a part of celebration of World Health Day 2015. The symposium was inaugurated by the Chief Guest Dr. GS Toteja, Director DMRC, Jodhpur, Dr. Arvind Mathur (Guest of Honour) Ex. Principal SNMC, Jodhpur and Patron Dr. Sanjeev Misra, Director & CEO AIIMS, Jodhpur. Organizing Chairperson, Dr. Pankaja R. Raghav and Organizing Secretary, Dr. Pankaj Bhardwaj shared their vision regarding the organization of the NAMS-AIIMS symposium on food safety. The symposium had four sessions on different issues pertaining to food safety. Speakers from all over the country belonging to academia and research shared their knowledge, experience and research. The sessions were interactive and an eye opener for the participants of the symposium. There was a great enthusiasm amongst the participants about this symposium. 236 delegates registered for the academic event including students and professionals from public health allied disciplines. Organisers expressed their gratitude for the support provided by National Academy of Medical Sciences (India).

**2**nd National Inter College Quiz competition For Postgraduate Medical Students:

On the eve of World Health Day 2015, a national quiz competition for medical postgraduate students was organized by the Department of Community Medicine and Family Medicine, where 14 teams from different parts of the country participated in elimination round and finally five teams were selected for the final round. Two teams, namely, SMS Medical College, Jaipur and School of Public Health, Jodhpur were jointly announced as winner after three rounds of tie breaker and SKNMCGH, Pune was the runner up.
Workshop on Testing of Food Adulterants:

A workshop on the spot detection of food adulterants with the assistance of state health authorities was organized to train the participants regarding common food adulterants and their detection on 6th April, 2015. The team demonstrated the home based methods for the spot detection of different adulterants. All the delegates actively participated in the workshop.

Dr. Pankaja Ravi Raghav & Dr. Pankaj Bhardwaj
The Department of Biochemistry, AIIMS, Jodhpur is recognized as Western Region Lead Referral Centre, NRCLPI and with the help and support from the Quality Council of India, is heading towards mass awareness about Lead which is a preventable social hazard. Advocacy programs in the form of awareness sessions are regularly conducted in various government and private schools. The teachers and children were explained, with help of audiovisual aids, the sources of Lead exposure as well its health related side effects. Camps were organized for students and teachers for the examination of Lead and hemoglobin in blood.

An international conference on Lead Environment and Health is being organized by the Department in the month of Oct 2015 at AIIMS, Jodhpur. Many invited speakers of national and international repute will be attending the conference. This conference will bring together experts from various fields for a common cause at a platform where delegates will be enlightened by the experts about this area of growing concern and the possible solutions. It is also an opportunity to alert people working in the concerned area about its relevance and importance. Panel discussion involving various representatives from the community is planned which is likely to help in formulations of policies to combat against this preventable health hazard to same extent.

Dr. Praveen Sharma & Dr. Shailja Sharma
A one day CME on Blood Safety: “Is ID-NAT Useful In Indian Context” was organized by the Department of Transfusion Medicine & Blood Bank, AIIMS, Jodhpur on 12th April, 2015.

Transfusion Transmitted infection has always been the most sensitive issue for the Transfusion service providers. The purpose of the CME was to sensitize the clinicians to the latest developments in the field of transfusion safety which revolves around Nucleic Acid Testing to detect pathogens within the shortest possible window period.

The experts and the audience were welcomed by Dr. Shilajit Bhattacharya who also co-chaired the sessions along with Dr. Vijaya Lakshmi Nag. The introductory talk was delivered by Dr. Archana Bajpayee on “Global Burden of Transfusion Transmitted infections”. It was followed by Dr. Saptarshi Mandal’s talk on “Hepatitis B– A Special Mention”.

The Invited Guest Expert was Dr. Rekha Hans from PGIMER, Chandigarh who presented the talk “Is ID-NAT Useful In Indian Context” where in she presented the PGI Chandigarh experience on NAT testing as well as a compilation of all the available NAT data from all over India. The CME was attended by about 50 guests from all over the city.

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Dr. Saptarshi Mandal & Dr. Archana Bajpayee
AllIMS Jodhpur Certified Basic Life Support Course

Approximately 70% of all cases of cardiac arrest occur out of the hospital. Basic life support (BLS) is a level of medical care which is provided to these victims until they can be given expert medical care. 1960 could be considered the year in which modern cardiopulmonary resuscitation was born. Since 1975, the American Heart Association (AHA) has periodically issued standards and guidelines for the performance of resuscitation. The aim is to deliver oxygenated blood sufficient for preserving vital organ functions until Return Of Spontaneous Circulation (ROSC) is established.

It can be provided by trained medical personnel, paramedics and by laypersons who have received BLS training. It is used in the pre-hospital setting and increases the time available for higher medical responders to arrive and provide advanced level of care. Firefighters, lifeguards and police officers are often required to be BLS certified. BLS skills are also appropriate for many other professions, such as daycare providers, teachers.
Many countries have guidelines on how to provide basic life support (BLS) which are formulated by professional medical bodies in those countries. Adult BLS guidelines in the United Kingdom were also published in 2005 by the Resuscitation Council (UK).

AIIMS, Jodhpur is a new institute established with the aim of providing quality tertiary level healthcare. The Department of Anaesthesiology and Critical Care has taken the initiative to prepare a scientifically trained workforce to provide in-hospital resuscitation in emergency situations. We have started “AIIMS Jodhpur Certified BLS Course” which is a four hour course conducted once a month on 3rd or 4th Saturday. The first such course was held on 25th July, 2015. We aim to train Senior/Junior residents, MBBS students, nursing staff, nursing students, paramedical staff and other interested medical personnel of AIIMS, Jodhpur. A total of 25 participants are being trained per session.

We have modified the AHA guidelines for BLS and designed it for “In-Hospital cardiac arrests”. The key changes are to train the participants to use:

- Airway device insertion
- Bag and mask ventilation
- Pulse oximetry
- Adrenaline

A Multiple Choice Questionnaires (MCQs) based pre-test will be conducted to judge the basic knowledge of participants and a second MCQ–based test will be conducted 3 months after the course participation. Participants securing more than 80% of marks in the post test will be awarded with “AIIMS Jodhpur Certified BLS Provider Certificate”.

Till date, two sessions of this course have been conducted. In the July session, 25 senior and junior residents of our institute participated and in the August session, same number of nursing staff working in the ICU and operation theatre participated. There was tremendous enthusiasm amongst the participants as reflected by their feedback. It is very encouraging for our Faculty and senior residents who work very hard to make the course a success.

Dr. Pradeep Bhatia & Dr. Nikhil Kothari
Female urological problems are extremely common, occurring in about one fifth of females at some point of time in their life. Despite being so frequent, there is no separate branch of medicine for these problems in India. They are seen and managed by both Urologists and Gynaecologists.

The Department of Obstetrics & Gynaecology had organised a Urogyn Workshop on 31st July, 2015, as a part of West zone YUVA FOGSI conference. This workshop was a conglomeration of Gynaecologists and Urologists equally participating from all across the country. The workshop was inaugurated by Dr. Amilal Bhat, Principal, Dr. SN Medical College, and Dr. Sanjeev Misra, Director, AIIMS, Jodhpur. Issues revolving around all aspects of urinary incontinence and pelvic floor dysfunctions and their management were discussed in detail.

The workshop was planned meticulously. Starting with basic concepts of anatomy, dysfunctions of pelvic floor- incontinence, prolapse and fistulae; clinical work-up, conservative management and choosing the right treatment- medical vs surgical were some of the highlights of morning sessions.

In the post lunch session, live transmission from the OT was relayed to the audience. 4 cases of stress urinary incontinence, a case of prolapse and a post hysterectomy vault prolapse - which was repaired laparoscopically. Many renowned Faculty from all over the country participated in this workshop including Dr. Vinit Mishra, Dr. Ajit Vaze, Dr. Sujal Munshi, Dr. Mahesh Gupta, Dr. Amilal Bhat, Dr. S Agarwal, Dr. Jaya Chaturvedi, Dr. Prakash, Dr. D Masand and Dr. P Parihar.

Dr. Pratibha Singh
OPD services at AIIMS Jodhpur: Optimal Exploitation

Out Patient Department (OPD) occupies a very important place in any Institute or hospital and is considered to be a window to Hospital care. An OPD in a Medical Institute addresses 3 broad roles- Patient care, medical education and research.

Patient Care: The heart of an OPD lies in giving opinion, guidance, counseling, small procedures and medical care with compassionate conduct, by a team of medical experts, for those patients who are ambulatory and do not require hospitalization. Inpatient care, sanatorium for chronic illnesses and hospitalization are now showing decreasing trends globally and are restricted to those with serious illness or requiring major operative procedures. Even, surgeries are being performed during OPD or day care in relatively well patients, admissions being reserved for patients requiring detail workup, observation or complex surgeries.

At AIIMS Jodhpur, OPD services were launched on 27th July, 2013 with basic clinical departments and diagnostic facility in the ground floor of the OPD Complex. This was expanded to the first floor in 2014 and diagnostic facility shifted to IPD block in 2015. Since the services were launched, we have registered 1,75,839 new patients, total patients seen being 2,77,715. A patient once registered, can visit any number of OPDs.
The OPD services are provided through 14 Clinical and 4 diagnostic Departments through 5 blocks having 45 consultation rooms, 4 treatment/dressing rooms, 4 teaching rooms and 3 recording rooms.

Maximum number of patients have sought consultation in General Medicine but, each Department follows close on the heels of the former. Common ailments and some not so common conditions are seen on a daily basis.
<table>
<thead>
<tr>
<th>Department</th>
<th>Common Conditions</th>
<th>Uncommon conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>Hypertension, diabetes, obesity, common fevers, headache, abdominal pain, TB, pneumonia, HLS, Malaria, DVT, polymyositis</td>
<td>Brucellosis, SLE, relapsing pyrexia, EB virus, Borrelia, mixed connective, Castleman disease</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>Backache, osteoarthritis, CTEV, fractures, lumbar spondylitis, AVN hip</td>
<td>Sprengel shoulder, skeletal dysplasia</td>
</tr>
<tr>
<td>Physical medicine &amp; Rehabilitation</td>
<td>Arthritis, spondylitis, migraine</td>
<td>Pain syndromes</td>
</tr>
<tr>
<td>ENT</td>
<td>Common Cold, Pharyngitis, tonsillitis, deafness, Ear discharge, Tumors</td>
<td>CSF Rhinorrhea, Skull base tumors, Sjogren syndrome</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>Fever, growth problems, asthma, Diabetes, obesity, seizure disorders, CP</td>
<td>145 genetic conditions, FOP, rare metabolic conditions</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>Visual problem, cataract</td>
<td>Ectopia Pupillae, RP, KF rings, lens subluxation</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>Asthma, ILD, Pulm. TB, COPD, CA lung</td>
<td>Sleep disorders</td>
</tr>
<tr>
<td>General Surgery</td>
<td>Appendicitis, hernia, cholecystitis</td>
<td></td>
</tr>
<tr>
<td>Oncology</td>
<td>All types of cancer</td>
<td>Wilms Tumor, Congenital Lobar Emphysema</td>
</tr>
<tr>
<td>Pediatric surgery</td>
<td>Common hypospadias, Hernia, UDT</td>
<td></td>
</tr>
<tr>
<td>Obstetrics &amp; Gynaecology</td>
<td>Menstrual problems, BOH, ovarian, cervical, endometrial, vulval malignancy, infertility, urinary problems in females</td>
<td>Genetic cases, Turner, disorders of sexual differentiation, premature ovarian failure</td>
</tr>
<tr>
<td>Dermatology</td>
<td>Acne, Tinea, psoriasis, rashes, contact dermatitis, scabies</td>
<td>Xeroderma</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Neurosis, psychosis, opium addiction,</td>
<td>Sleep disorders</td>
</tr>
</tbody>
</table>

**Education:** The OPD is the most appropriate place for education—both for patients and for healthcare professionals. For patients, an OPD provides a place to consult doctors across various disciplines, health educators and counselors. The residents are a link between experts and patients and help in clarifying many issues that a patient may have. However, this function may be obscured by the heavy rush of the patients in morning hours and experts devoting too much of his/her time to a relatively well patient requiring only counseling, vis a vis a patient with acute, complex disorder. The Faculty always makes an effort to identify the patients requiring urgent attention and evaluation. The OPD is also a perfect place for learning communication skills for students. Under the guidance of Faculty members and residents, students are learning history taking and examination with time-saving requisite questions and skills. In fact, OPD provides the perfect place for vicarious learning, i.e., learning by observing— for patients, students, resident and Faculty.

**Research:** Availability of Hospital Information System (HIS) and Computerized Patient Management System (CPMS) has opened a new facet for conducting research in the OPD setting. The data available may only reflect the tip of the iceberg and give a lead to the Department of Community and Family Medicine to explore these disorders in detail, in the region. Hitherto untapped potentials of CPMS are being explored—epidemiological, behavioral, attitudinal, complex and rare disorders workup. The Institute is also exploring the possibility of using the cases for enhancing students’ learning and using case records as teaching tools.

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Dr. Kuldeep Singh
Hospital services form a critical component of the scope of All India Institute of Medical Sciences at Jodhpur. It not only caters to the health care needs of the people, but is also an essential part of imparting modern medical education to the students. The Institute has been steadily building up its hospital infrastructure and has started providing advanced services to the patients including many new novel and advanced facilities like Computerized Patient Management System (CPMS), online registration, short messaging services to its patients, advanced laparoscopic surgeries, bronchoscopies, oncological services etc.

The Hospital services were started with the inauguration of the Basic OPD services from 27th July, 2013. Full-fledged OPD services were started from 24th September, 2013 with the inauguration of OPD services by Hon’ble Health Minister Shri Ghulam Nabi Azad. The OPD footfalls have been steadily increasing with each passing day and the quality services being provided in the OPD is being appreciated by our patients. The OPD has had more than 1.17 lakh new registrations in the one year period (1st September, 2014 to 31st August, 2015). In the same period, more than 1.12 lakh individual and unique patients utilized its services. On an average, more than 500 patients are seen in the OPD on a daily basis. Apart from a fully computerized OPD visit recording, during this past year, we have introduced innovative and unique ideas to serve the patient. Our patients can now register for the OPD via the online portal and thus avoid unnecessary wastage of time and queues. The patients can also view their diagnosis and the prescribed investigations online. The online portal also allows a patient easy access to his/her investigation reports by a simple login process. This avoids the hassles of keeping paper reports and the patient has his/her reports available at the click of a button. We have established “Record Rooms” in each OPD block. This is very useful for the patients as all their previous “paper” records, X-Rays, investigations and scans can be digitized within a short time. The patients then avoids the need to carry all the previous treatment records and X-ray films for every visit. These records are linked to the patient and are available to the treating doctor as and when required. Short messaging services (SMS) have also recently been introduced. These SMSes are sent as reminders to the patients about their next impending OPD visits. The concept of SMS reminders harbours immense possibilities with regards to improving patient care. Digital patient queue systems and provisions for innovative patient education services via digital media in OPD are in the pipeline and should be available in the near future. We believe that with these innovations, we can usher in a paradigm shift in the way the Public Hospitals and their OPD services are perceived by the general public.

The laboratory services have also been expanded with the inauguration of a separate Centralized Laboratory Block and Blood Bank on 6th June, 2015. To minimize patient discomfort, a central Sample collection centre is established in one block in the OPD complex. This is a one point contact system for the patient for all investigations and their reports. More than 2.25 lakh laboratory investigations were done in the last one year (Biochemistry – 173136, Microbiology – 12188 and Pathology – 40465). The Blood bank has advanced blood component separation facilities, apheresis and is one of the first blood banks of the country to have an up to date online inventory of the available units of blood displayed on the official website of AIIMS, Jodhpur.

Radiological services are in the process of being expanded. Currently, it offers a basic X-Ray facility, ultrasonography and contrast investigations. Radiological guided procedures are also being provided to the patients which obviate the need for more invasive open procedures and improves diagnostic yields for many pathological investigations. During the last year, we have progressed towards a digital (sans film) radiology where digital X-rays are made available via the software to the treating consultant. This obviates the need for patients to collect radiological reports and contributes towards a faster and cost effective way in patient care. A modest start has also been made in Intervention radiology at the Institute especially for many therapeutic indications and has been very well received by the patients. The development of an advanced Intervention Radiology service is also in the final stages and would be commissioned in the coming months. Radiology has performed more than 46,000 investigations in the last one year.

The Inpatient Department (IPD) services were started after the inception and stabilization of the OPD services. Our first patient was admitted on 5th February, 2014. We are currently functioning on the 2nd and the 4th Floor of the OPD complex in six wards. To ensure optimal utilization of the IPD services, we have stayed away from Department centric wards and have focussed more on a General Ward principle where the second floor caters to all medical specialties and the fourth floor caters to the surgical specialties. This allows us to cater to more patients with the limited manpower that is available at present. Currently, our wards are running, on an average, at more than 90% utilization of the available bed strength and are routinely full. Last year, we catered to more than 4000 unique patients in Inpatient Department. Plans are underway to expand the IPD services and increase the bed strength to avoid this becoming a bottle neck in expanding our patient services. To provide care to the critical patients, a 20 bedded Intensive Care Unit (ICU) has been setup in the IPD.
<table>
<thead>
<tr>
<th>Department Wise IPD Admissions</th>
<th>Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surgery Including Surgical Oncology</td>
<td>827</td>
</tr>
<tr>
<td>Medicine</td>
<td>692</td>
</tr>
<tr>
<td>Radiation Oncology</td>
<td>581</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>312</td>
</tr>
<tr>
<td>Pediatric Surgery</td>
<td>304</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>292</td>
</tr>
<tr>
<td>ENT</td>
<td>276</td>
</tr>
<tr>
<td>Physical Medicine and Rehabilitation</td>
<td>235</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>221</td>
</tr>
<tr>
<td>Obstetrics and Gynaecology</td>
<td>189</td>
</tr>
<tr>
<td>Dentistry</td>
<td>29</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>18</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>14</td>
</tr>
<tr>
<td>Radiodiagnosis</td>
<td>12</td>
</tr>
<tr>
<td>Anaesthesiology</td>
<td>11</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4013</strong></td>
</tr>
</tbody>
</table>

The pie chart shows the distribution of IPD admissions across various departments, with Surgery being the largest category, followed by Medicine.
section. The Intensive Care units have been equipped with the latest ventilators and monitoring equipment to improve patient outcomes. These include a six bedded Adult ICU, six bedded Pediatric ICU and a six bedded state of the art Neonatal Intensive care unit. A provision for two isolation rooms has also been made to allow us to take care of sick, infected and contagious patients. In a short span of time, the ICU Complex has managed to treat more than 120 complex and sick patients including very low birth weight preemies.

Surgical care constitutes a critical component of any hospital service. The surgical treatment was started in a modest way with the creation of an “Advanced” minor operating theatre and the first surgery was performed on 31st March, 2014. This minor operating theatre had the provision of providing general anaesthesia and was utilized for around 6 months and catered to around 200 cases while the work was progressing on the development of Major Operating Theatre in the OPD Block. The major operating theatre block was inaugurated by our Director, Dr. Sanjeev Misra, on 25th September, 2014. This has a provision for five fully equipped “Major” operating theatres and one Minor Operating theatre. Apart from the advanced Anaesthesia workstations and monitoring equipments, each operating theatre is equipped with advanced operating tables, ceiling mounted LED lights, noiseless suction machines and high quality energy devices. Advanced Laparoscopic equipment sets and advanced vessel sealing devices and harmonic sets are also available which contribute towards improving patient outcome and allows the Institute to take up challenging cases. Since the inception of surgical services, the Institute has catered to more than 2000 advanced surgeries. The Institute has done more than 1800 cases in the newly established OT Block in less than a years’ time. The number of surgeries is steadily increasing on a monthly basis and the surgical Departments are currently performing more than 200 cases every month. The Department of Anaesthesiology is providing a stellar service with very limited manpower and is contributing to the growth of surgical disciplines.

## Department wise Surgical procedures since inception

<table>
<thead>
<tr>
<th>Department</th>
<th>Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Surgery</td>
<td>688</td>
</tr>
<tr>
<td>Pediatric Surgery</td>
<td>267</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>253</td>
</tr>
<tr>
<td>ENT</td>
<td>247</td>
</tr>
<tr>
<td>Obstetrics and Gynaecology</td>
<td>235</td>
</tr>
<tr>
<td>Dentistry</td>
<td>209</td>
</tr>
<tr>
<td>Physical Medicine and Rehabilitation</td>
<td>153</td>
</tr>
<tr>
<td>Oncosurgery</td>
<td>59</td>
</tr>
<tr>
<td>Intervention Radiology</td>
<td>32</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>30</td>
</tr>
<tr>
<td>Anaesthesiology (Intervention Procedures)</td>
<td>12</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>2185</strong></td>
</tr>
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</table>

The Hospital services in any new Institute is never a complete picture from the first day, but is usually always a “work in progress” as the hospital strives towards improving patient care and introducing new services. With collective effort and the able guidance of our Director, Dr Sanjeev Misra, I believe that the hospital will become a premier health care institution of the country.

Dr. Arvind Sinha
A 12 bedded ICU was started in Sep 2014 and consists of six beds each in Pediatric Intensive Care Unit (PICU) and Neonatal Intensive Care Unit (NICU). State-of-the-art care is provided right from preterm neonates (≥ 25 weeks) till children of 18 years of age with serious and life threatening medical/surgical conditions. These services are provided by a dedicated team of experienced and trained clinicians, surgeons and nursing staff to provide holistic care under one roof.

Each bed has 'state-of-the-art' equipment for real time continuous monitoring of vital signs including ECG, respiratory rate, oxygen saturation (SpO2), temperature, non-invasive blood pressure, invasive intra-arterial pressure and central venous pressure. All the multipara monitors are equipped with the world’s best SpO2 technique called SET (Signal Extraction Technology) which picks up SpO2 in low perfusion states too and is resistant to motion artefacts. Moreover, there are separate modules available to monitor end-tidal carbon dioxide and EEG. Mechanical ventilation with patient friendly modern ventilators are available on each bed to provide both non-invasive and invasive type of ventilation. Moreover, point-of-care ultrasonography facility is also available.

We offer Level 3 Neonatology Facility for both in-born and out-born neonates. All procedures like exchange transfusion (both central and peripheral), peritoneal dialysis, surfactant delivery, central/peripheral line insertion and intercostal tube drainage are carried out with precision. Neonates and infants with complicated and advanced pulmonary diseases and who fail on conventional mechanical ventilation are ventilated with ‘High Frequency Ventilators’. Moreover, facilities for ‘targeted neonatal Echocardiography’ and point-of-care ultrasonography are also available to pick up patent ductus arteriosus, intra-ventricular haemorrhage and periventricular leukomalacia. The unit also has a special lactation room for mothers to express breast milk. Separate chairs are provided to mothers for doing Kangaroo Mother Care. There is an in-house laboratory to provide 24x7 services for doing ABG (Arterial Blood Gas analysis) across all age groups and for checking packed cell volume and serum bilirubin in sick neonates.

The ICU is comparable to any other unit of a developed world in terms of infrastructure and expertise. We are committed to a dedicated ‘patient-centred care’ to ultimately achieve ‘intact’ survival.

Dr. Kuldeep Singh & Dr. Neeraj Gupta
Education is defined as a dynamic process of developing desired positive behavioral changes among the learners using appropriate pedagogical principles and methods. Different from literacy, education helps learners acquire knowledge, skills and attitude. A desire for change in curriculum can always be palpable among the Medical Educationists. However, bringing about those changes is not always easy. Moreover, sustaining those changes and preventing the curricular drift back to conventional is a hard nut to crack.

Broadly, the curriculum of any professional course can be of 2 types- written and hidden. Teachers do justice in following the written curriculum verbatim. However, it is the hidden curriculum which determines the ranking of a medical school, which, in turn, is dependent on its culture. This culture is nurtured by a complex
milieu of vision, mission and goals of Institute fueled by the efforts of the enthusiastic leaders, Faculty and students. Not to forget are the expectations of the public, which are the crucial determinants of the success of changes or innovations. Medical Curricula of most of the medical schools of India have kept pace with technological advances in biomedical sciences but fared poorly in terms of competency and professional issues expected by the society.

An Institute has many responsibilities and Medical teachers have to play multiple roles—patient care, research and teaching. In a new venture, one or the other comes in forefront at the cost of other. That is why, a budding Institute has to focus more on patient care rather than on research or teaching. One can appreciate the value of a medical teacher who beautifully balances the three roles bestowed on him or her.

**Innovations in Medical Education at AIIMS, Jodhpur:**

All India Institute of Medical Sciences at Jodhpur has introduced certain innovations in its education process. These innovations are in line with the palpable desire of changes among Medical Educationists in India on one hand and also completely follow the curriculum recommendations by Medical Council of India (MCI):

1. **Foundation course:** A two week long program for 1st year MBBS students preparing them to learn medicine effectively, to exploit the full potential of technology offered by the Institute and prepare them to be a lifelong learner.

2. **Orientation to Clinical Teaching:** A structured program of 3 weeks for 3rd MBBS students making them aware of contextual learning of 2nd Professional subjects with patient at the center stage.

3. **Ambulatory Clinical teaching:** Bringing medical students out of the cocoon of teacher centered safe classroom teaching to realities of a professional course demanding huge amounts of self directed but Preceptor guided learning in an OPD setting. This is the true learning where one can learn by observation. OPD is considered to be the window to healthcare as In-patients are too sick and give exposure to mostly patient care. OPD, on the other hand, offers exposure to variety of clinical conditions reflecting tip of the iceberg and encourages students to adopt a more holistic and community oriented approach.

4. **Integrated teaching:** Theme selected by the Department and 2–3 Departments are involved—well accepted by the students and Faculty.

5. **Un-Conventional Learning Experiences (UNCLE):** This makes use of many different methods including Problem based learning using case scenario as a problem trigger, debate, panel discussions, quiz, puzzles, videos from different sources using brainstorming and reverse brainstorming.

6. **Piloting of Flipped Classroom:** This is an innovative teaching learning method where students are given a video of the lecture synchronized with PowerPoint a day before the class. The 45 minutes lecture time is thus, fully utilized for quiz, clarification, discussion and consolidating the concepts. The best part is that motivated students explore more and those who are less motivated are also brought at par with their colleagues since they have ample time to view the lecture multiple times, even on their mobile phones. Preliminary evaluation showed a positive impact on students' learning as evident from their performance in community, assessment and feedback.

7. **Vicarious learning:** This is the learning by observing. Vicarious learning allows individuals to learn from the outcomes of others’ experiences, rather than solely their own actions, reaping the benefits of not “reinventing the wheel.” This becomes an important learning method not only for medical students, but for Faculty and residents as well.
Under the dynamic leadership of our Director, Dr. Sanjeev Misra and relentless efforts by Faculty members, we have been able to initiate these new elements in Medical education. But, litmus testing time has started as it is said- "Starting innovations is easy but sustaining the same is a real challenge".

Though the priorities of students and Faculty may be different at this point of time and may not be completely aligned with the learning objectives as enunciated by the regulatory bodies, our optimism for sustaining the efforts is strengthened by the following observations:

1. Vision and mission of our Director towards creating AIIMS, Jodhpur as a Center for Excellence in healthcare, medical education and research, the second being the top priority. Encouragement of Faculty members in patient care, honing academic excellence by attending workshops and conferences and equal opportunity to everyone are some of benefits passed on to Faculty members by the Director is a perfect recipe for conducive learning and teaching environment.

2. Enthusiasm of Faculty members can be seen by the Faculty participating in FAIMER fellowship program and many vying for the same.

3. Feedback from students: A culture which encourages collaborative learning depends heavily on feedback from the stakeholders- the students. Apparently, they have come from teacher centered teaching schools whose priorities may be different and not in tune with objectives of the MBBS Curriculum. Realization about our methodology will not be apparent till they pass out and have a critical mass of AIIMS alumni who can then be torch bearers of our system, a system which was developed about 60 years back at AIIMS, New Delhi. However, students prefer a non-threatening environment, multi-faculty teaching Vs single faculty, a hybrid of interactive and didactic teaching, appropriate use of videos and AV aids. They are impressed by the rare syndrome or conditions, new gadgets, operating room and procedures and first hand exposure to community problems. It is not recommended that we accede to all of their demands but their visible and curious inclination can be harnessed appropriately.

In conclusion, we can say that it is not impossible to bring and sustain innovations in Medical Education.

Dr. Kuldeep Singh, Dr Pratibha Singh, Dr. Daisy Khera & Dr. Neeraj Gupta

Life is a passionate pilgrimage, not a lily livered march towards a distant drummer.
- Poonam Elhence
Mentorship Program at AIIMS, Jodhpur

“A teacher affects eternity; he can never tell where his influence stops.” – Henry Adam

In Homer’s legend, when Ulysses, the king of Ithaca, went away to wage a war on the Trojans, he left his infant son, Telemachus, in the hands of Mentor. Ulysses was gone for twenty years, and Mentor guided Telemachus in practical skills, such as archery and wrestling, and also provided advice on moral matters.

Mentoring is a relationship between a more experienced person (mentor) and a less experienced one (mentee). As a new entrant to the professional courses (MBBS, B.Sc. Nursing) at the AIIMS Jodhpur, students have a unique opportunity to be mentored by a Faculty member and a senior medical student. This mentor-mentee relationship is based on mutual trust, respect and willingness to learn and share, with constructive comments and dynamic approach. The mentor encourages the mentee to actualize his/her full potential by sharing knowledge and experience, and providing constant support and encouragement.

Our purpose is to provide them opportunity for holistic development, to make them comfortable in their new environment and to get familiar with college life, so that they can better achieve their full potential in all the spheres.

We have started and successfully conducted this mentorship program for all the batches since our 1st MBBS batch in 2012. All the students and Faculty (except Department heads) are part of this vibrant program. We have received good feedback from students, Faculty mentors, college administration and students’ parents. It has substantially benefitted students, Faculty and institution.

The real purpose of education is to equip students with the potential to meet challenges in life. The Medical Council of India is also emphasizing to produce more competent and skilled medical personnel. Becoming a good doctor not only means acquiring medical knowledge and mastering clinical skills but also learning professional attitude, emotional stability, interpersonal and communication skills. This year we have appointed a student counselor for baseline assessment of students’ personality along with ongoing interaction and counseling services. With this program, our Institute will be able to contribute competent physicians for the future with ability to cope up with unforeseen situations.

We have started peer mentorship program along with existing faculty mentoring by following the UCMS, Delhi Mentorship Program. Near-Peer mentors are undergraduate students, in their 5th to 9th semesters, who have volunteered and undergone an orientation. They are our most valuable resource and eminently suited to be mentors because they still recall the difficulties they faced as new students. Their assistance can make college life easier and more enjoyable for new entrants.

Benefits of Mentoring (as per UCMS, Delhi mentorship program)

How does mentoring benefit the student?
Mentoring, more than teaching, helps students to be successful. The mentor can enhance the mentee’s sense of confidence and increase his or her self-esteem by showing genuine interest in the mentee’s development. The student understands her/his role in the organization, gets advice, help and encouragement and finds opportunities for networking.

How does mentoring benefit the mentor?
The mentor develops leadership and communication skills, shares experience and knowledge, and discovers the students’ point of view. Mentors experience greater productivity, career satisfaction and personal gratification. In addition, medical teachers who mentor, develop valuable skills that help shape the professionalism of future doctors.

How does mentoring benefit the Department or Institution?
Having mentoring relationships in place stimulates the workplace, making it more effective. There is better communication, networking and sharing of values. The process generates positive supporters who can promote mentoring for other employees/students. All in all, mentoring is an opportunity for faculty and senior students to ‘pay back’ to the Institution by making the workplace interrelated and
vibrant. In some instances, mentoring identifies qualified potential candidates who may fulfill future recruitment needs of the Institution.

What makes a good mentor? Do I have the skills to be a successful mentor?

Effective mentoring is multidimensional. There is no single formula. Every mentor uses a combination of professional expertise and personal style to mentor students.

Generally speaking, a good mentor has the following skills:
- Enjoys helping others
- Is available and willing to spend time with the student
- Is open-minded and flexible
- Has good communications skills; asks appropriate questions, listens actively and with empathy, gives feedback with clarity and sensitivity
- Provides encouragement and support which enables the mentee to express feelings and consider options.

So, let’s join our hands and contribute in the collective growth of our institution, students, Faculty and ourselves- to produce more competent, dynamic and resilient health professionals.

Dr. Surajit Ghatak & Dr. Naresh Nebhinani

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The Indispensable Man

Sometime when you're feeling important;
Sometimes when your ego's in bloom;
Sometimes when you take it for granted,
You're the best qualified in the room;
Sometimes when you feel that your going,
Would leave an unfillable hole,
Just follow these simple instructions,
And see how they humble your soul.

Take a bucket and fill it with water,
Put your hand in it up to the wrist,
Pull it out and the hole that's remaining,
Is a measure of how much you'll be missed.
You can splash all you wish when you enter,
You may stir up the water galore,
But stop, and you'll find that in no time,
It looks quite the same as before.

The moral of this quaint example,
Is to do just the best that you can,
Be proud of yourself but remember,
There's no indispensable man.

- Saxon White Kessinger

Contributed by :
(Poonam Abhay Elhence)
Wireless Patient Monitoring: A way into the future

Use of wireless technology is well known in the field of science. Whether it is monitoring of spacecrafts or a simple thing like sharing a location on a mobile, everything is governed by wireless data transmission.

With the advent of newer technologies like smart watches, fitness trackers etc, simple biological parameters like heart rate, steps taken and the distance covered can be monitored in every individual.

With the philosophy of monitoring the physiological functions under normal day-to-day conditions, the newer wireless data acquisition systems for patient monitoring are the next advancement in diagnostics and patient management. We, at AIIMS, Jodhpur have opted for a wireless Autonomic & Neurophysiological monitoring system. The wireless data acquisition system allows monitoring of the patient’s ECG, EEG, respiration and other parameters during the course of day or night, even when the patient is asleep. The lack of wires not only proves to be a boon by being less of a hindrance for the subject but, in addition, the quality of data recorded is more robust and free from noise. This opens doors to preventive as well as therapeutic interventions.

The Benefits for Autonomic function testing:
1. Minimising the stress by recording in a friendly environment leads to better and reproducible results all the time.
2. Collection of data during various prescribed manoeuvres is easy.
3. With remote monitoring, subjects data is logged and transmitted live to far away doctors.
4. Crucial/critical decisions can be taken quickly.

The benefits for Neurophysiological monitoring:
1. Subjects can be given freedom to move around and can even attend work while their parameters are being recorded.
2. 3D simulatons enable one to record the neurofeedback in real time from subjects in virtual environments.

Dr. Abhinav Dixit & Dr. Rajesh Sharma

Every truth passes through three stages before it is recognized.
In the first, it is ridiculed.
In the second, it is opposed.
In the third, it is regarded as self evident.
- Arthur Schopenhauer
Pliers, guitar strings and some guts: An introduction to Interventional Radiology (IR)

Charles Dotter is considered the Father of Interventional Radiology. His favorite trademark was a crossed pipe and wrench. A gross oversimplification of what it meant – he claimed, "If a plumber can do it to pipes, we can do it to blood vessels".

IR is a subspeciality of Radiology that deals with treating patients using minimally invasive techniques. It is all about the ability of physicians to gain access into a human body with a small incision on the skin and run through the network of vessels to provide localized treatment at the site of the disease condition. It is done with the help of miniature instruments of few millimeters in size, called as catheters (small tubes), guidewires (thin wires to provide support), stents (metallic mesh tubes used to open up blocked vessels) and embolization agents (specialized agents to block vessels) under imaging guidance. Physicians who undertake such procedures are basically trained in the field of Radiology and have high level of expertise in understanding and assimilating the information provided as images to them through X-Rays, Ultrasounds, CT Scans, MRI and other medical images.

Today, many disease conditions which used to require surgery are being treated non surgically by Interventional Radiologists using the latest minimally invasive interventional radiology procedures. Moreover, in many conditions, surgery and IR have a complementary role to play.

Its spectrum has far reaching implications ranging from treatment of intracranial aneurysms and stroke to the treatment of gastrointestinal bleeding, pre-operative embolization of tumours, treatment for cancers, treatment of post trauma bleeding, varicose veins, palliation of cancer patients having obstructed biliary and urinary tracts, obtaining tissue samples for pathological analysis under guidance etc.

At AIIMS, Jodhpur we have provided IR treatment for varicose veins (16 cases), GI bleed (1 case), hemoptysis (1 case), chemoport placement (6 cases), biliary drainage and stenting (6 cases) during the past 1 year. The services of the Angiography suite at MDM Hospital, Jodhpur were used for some of these procedures.

In the coming month, we expect to commission a state of the art Biplane Angiography suite in the Department of Radiodiagnosis. It will open up immense possibilities to treat a wide variety of diseases including complex neurological cases which hitherto had to be referred to far away cities.

Dr. Pushpinder S. Khera
Journey of the AIIMS Jodhpur Blood Bank

“The purpose of life is not to be happy—but to matter, to be productive, to be useful, to have it make some difference that you lived at all.” — Leo Rosten

Ever since ancient times, it has been realized that blood is essential for life, to provide blood to the patients in grave emergencies is the responsibility of the blood bank. Blood bank is the keystone of any Tertiary care health facility. The Blood Bank at AIIMS Jodhpur received its license on 23rd January, 2015, from the Drug controller of Rajasthan. Blood donations were started on Republic Day 26th January, 2015. The first blood donor was Prof. Surajit Ghatak, Professor & Head, Dept. of Anatomy, AIIMS, Jodhpur. Shri JP Nadda, Honourable Health Minister, Government of India visited the blood bank and inaugurated the first Real time online blood inventory on AIIMS, Jodhpur website on 6th June, 2015.

From the very beginning, the blood bank has been practicing 100% components and no whole blood policy. Five main types of components are being made: Packed Red Blood Cells (PRBC), Fresh Frozen Plasma (FFP), Random Donor Platelet (RDP), Single Donor Apheresis Platelet (SDAP), Cryoprecipitate (CRYO), and CryoPoor Plasma (CPP). For pediatric patients and other needy patients, unit modifications e.g. split units, leuko filtered units, reconstituted units etc. have been made available. The technical supervisor of the blood bank, Mr. Manohar K. Madhukar has been tremendously instrumental in maintaining the quality of the products and services.

In first eight months, more than 900 blood donations were collected of which more than 90% were voluntary and efforts are on to make it 100%. The Department has organized 12 voluntary blood donation camps. Students of the Campus have been very active in donation as well as donor mobilization through social media. A Voluntary Donor Register is being maintained at the Blood Bank for voluntary donors and more than 825 voluntary donors have already registered.

During this period, more than 1500 blood components have been issued to In-Patients and other private hospitals. Four dedicated technicians are working day and night to provide 24x7 uninterrupted quality services including apheresis.

More than 25 platelet apheresis procedures have been performed on a dedicated collection apheresis machine. The facility of therapeutic apheresis including plasma exchange has also been started with another versatile apheresis machine. The Blood Bank also provides additional diagnostic services including some tests for hemolytic anemia and PNH etc.

A CME was organized on blood safety on 12th April, 2015 “Is ID-NAT useful in Indian context”. Some of the plans to start in near future include starting NAT (Nucleic acid amplification) testing of Blood units; starting a Rare Donor Registry of this region; initiating Peripheral Blood Stem cell collection (PBSC) and cryopreservation and providing day care facility for transfusion management of Hemophilia and Thalassemia patients.

Dr. Shilajit Bhattacharya, Dr. Saptarshi Mandal & Dr. Archana Bajpayee
Problem-Seeking Learning

At the outset of my lecture, I would like to clarify that the term ‘problem-seeking learning’ does not exist anywhere in the lexicon of pedagogy. It is a term coined by me to drive home a theory that is very close to my heart. I apologize to those of you who might be perplexed by this new term and type it on the internet to find out its meaning, only to draw a blank.

To explain what I mean by problem-seeking learning, I first need to delve into its context, which of course is the problem-based learning (or PBL) – currently, a well-entrenched and widely accepted method of teaching. It was, as all medical educationists are aware of, pioneered in the medical school program at McMaster University in Hamilton, Ontario, Canada in the late 1960s by Howard Barrows and his colleagues as a succor to disenchanted medical students, who perceived the vast amount of facts taught in the first three years of medical school as having little relevance to the theory and practice of clinical medicine.

PBL represents a paradigm shift from traditional teaching and learning philosophy, which is more often lecture-based. It is a form of active learning in which students learn about a subject through problem solving. By solving problems, students are expected to discover newer thinking strategies and increase their domain knowledge, as also to develop the necessary skills and motivation for self-learning. Unlike traditional instruction, PBL actively engages the student in constructing knowledge. PBL includes problems that can be solved in many different ways and have more than one solution. The role of the tutor in PBL is to build students’ confidence to take on the problem and increase their insight of the problem.

Although hailed and heralded as a novel form of medical education, PBL is nothing new. It has always been the bedrock of mathematics, physics, chemistry and engineering. It is impossible to envisage education in any of the aforementioned disciplines without problem-based learning, which is also prevalent in the liberal arts in the form of debates on sociopolitical and economic problems. What is novel, therefore, is only its introduction into the medical sciences, which couldn’t have come a day too soon.

Medical diagnosis is out-and-out a case-based, problem-based subject wherein every patient is the embodiment of a ‘problem’ whose ‘solution’ must be selected from a closed set of answers. The domain of therapeutic possibilities is not large either, considering that every medical decision must be chosen from a closed domain of options that are permissible scientifically, ethically and logistically. Lateral thinking, it must always be borne in mind, is not permissible in medical diagnosis and treatment, which does not permit ‘out-of-the-box’ solutions, excepts in select surgical situations, emergencies, or in terminal cases. Hence, instead of hailing the advent of PBL in global medical education, one should lament and question its late arrival to the global scene, not to mention that its non-implementation till-date in the medical colleges of India remains a cause for serious concern.

PBL in Medicine has two fundamental postulates: (1) that, learning through problem-solving is much more effective for creating a body of knowledge usable in the future, and (2) The physician’s skills that are most important for patients are problem-solving skills rather than memory skills. Besides these two tenets of problem-solving that are widely proclaimed, there are other advantages that are equally valid but are rarely mentioned: For one, problem-solving de-facto defines the syllabus with a clear principle that any fact or concept that lends itself to the creation of a solvable problem is admitted to the syllabus while the rest is relegated to self-study by students. The underlying logic in such an approach is robust and pragmatic, since clinicians would engage mostly in patient management, which is essentially a form of problem-solving. The dividing line is unambiguous: anything that is not necessary for solving clinical problems need not be remembered either and therefore not included in the core syllabus. Such a criterion is perfectly justifiable for an overwhelmingly applied subject like ours. However, another very important advantage of PBL is rarely stated, probably due to a lack of appreciation of the physiology of learning and memory.

The physiology and psychology of memory lends support to the theory that only those facts and experiences that have an ‘emotional adjunct’ can ever be assigned to long-term memory. Sensory experiences bereft of emotions are quietly consigned by the brain to the trash-can of forgetfulness. Thus, if the PBL strategy works, it does so because of the emotions pervading the class: the joy of being the first one to solve the problem, the frustration of being a close second, or the mortification of not being able to solve the problem. Frustration over a problem helps in remembering its solution, when achieved. Today’s school students, and even college students, are rarely frustrated in problem-solving since they rarely try to solve one. They simply wait for their teachers to give away the answers, or they look up the answers from guide-books. Their sole goal is to score high in the examinations, which does not take them too far. Great achievers however think differently. Eminent astrophysicist Neil deGrasse Tyson stated, “When I was in college, I was moved by curiosity, interest, and fascination, not by making the highest
scores on a test.”

A real-life example of problem-based, confusion-driven learning is the way a tourist learns about a city. There are two ways of doing it: For one, he can hire a cab to take him around the city to show the places of interest. He can also venture into the city all alone, losing his way in the interim but finally making his way to his hotel after a day-long confusion. In the second instance, he ends up discovering far more than he ever bargained for. The longer he remains confounded, the greater is the learning. Moreover, the experience remains etched in his memory as it is reinforced by emotions: the ‘fear’ of getting lost in an unknown city and the ‘joy’ of discovering the road back home. Thus, on solving problems regularly, islands of concepts and associated facts appear in the ocean of knowledge to be charted. These islands never submerge. Their memory remains etched in the brain. In this context, it should not be difficult to appreciate why learning through rote is like feeding oneself through a Ryle’s tube. The feed helps one to sustain life and even gain weight but the joy of feasting is all but absent and therefore, the memory of the items consumed is extremely short-lived.

Unfortunately, for all the exhilarating mention PBL gets in the speeches of medical educators of our country, it remains a pariah in our medical education. It is in this context that problem-seeking learning assumes significance. Students can do little if their teachers and educators do not adopt the problem-based learning strategy. However, nothing stops students from being problem-seeking learners. Problem-based learning is only as old as pedagogy. On the other hand, problem-seeking learning antedates problem-based learning by eons and is as old as civilization itself. It started when humans wondered where they came from, why seasons change, and what causes diseases. For the same reason perhaps, problem-seeking behavior is widely prevalent in childhood. Children not only have an innate inquisitiveness; they also suggest imaginative answers. This innate propensity to ask questions and think of answers is stifled as he grows up in the straight-jacketed teaching and learning milieu and a skewed system of reward and punishment in school, which parents too seem to acquiesce with. It is a system wherein rote is imposed and questioning is discouraged. The reason is not far to seek. After all, who does not know that a child’s question is by far the most difficult to answer?

Thanks to the manic obsession of teachers and the school management to ensure high grades for the students in school board, the teachers insist on model answers to every possible question, instead of encouraging lateral thinking. Parents fall in line and goad on their wards accordingly. Such grooming so early on in life takes a heavy toll of the child’s intellect. Most school students, their parents and their teachers believe learning and memorization to be the two faces of the same coin although learning, in physiological parlance, is a change in behavior. This culture of rote imbied during early schooling continues through higher learning. Unfortunately, in this era of fast food, we are also witnessing a craze for fast answers.

In schools, students are only expected to memorize and reproduce verbatim what is told to them. Questioning the existing corpus of knowledge is anathema. Students who fall in line are rewarded while those who do not are punished, creating a perverse learning paradigm that ruins the innate problem-solving and problem-seeking behavior of the child. For every problem, every question, the school teacher, either under pressure from the higher authorities or out of their own conviction, not only gives away the answer to the student but also imposes on the student a model style of answering questions instead of stoking the creative instincts of the student. Students too come to expect that questions and answers would be delivered to them in a single package. Contrast this with PBL wherein a student is encouraged to solve a problem in a multiplicity of ways and then identify the shortest, straightest and smartest way! Moreover, often there are glaring gaps in textbooks and working on such gaps provides the grist for problem-seeking learning. Indeed, problem seeking learning is a mindset and it is the only reprieve to students in situations where problem-based discussions are absent, as in medical education in India.

Problem-seeking behavior is not something that we can foster in our students at a late age by when he is a die-hard rote-learner. Just as we can take the horse to the water but cannot make it drink, we can give ‘problems’ to the rote learner but cannot make him think! He will simply wait for you to give away the answer. Rather, what is important is that as parents or teachers, we do not extinguish the innate questioning propensity in our children so that in due course of time, questioning becomes their second nature and learning becomes a way of life. Teachers too are culpable when they reel off their bookish knowledge without ever pausing to contemplate if what they teach makes sense.

With technology enabling the availability of massive information at the flick of a finger on the palm-top, rote is irrelevant today and problem-solving skills are at a premium. Nothing exposes better the anachronism of rote in today’s world as the shocking performance of Indian school students in the PISA tests. The Program for International Student Assessment (PISA) is an international assessment that measures 15-year-old students’ reading, mathematics, science literacy and problem solving skills. In PISA-2012 tests, India ranked 71 out of 73 nations!

Dr. Sabyasachi Sircar
Professor & Head
Department of Physiology

[Abridged version of a talk delivered as the Dr. A C Duarte Monteiro Oration at G.S. Medical College and K.E.M. Hospital, Mumbai in December 2013]
Men and Women of Substance

They don’t do different things, they do things differently. They will strike a chord with you, when you first meet them, they talk well, talk simple, yet convey the deepest sentiments with utmost ease, make you feel nice about yourself, make you feel like you belong to the conversation, to the moment, they live with passion and wear their hearts on their sleeves. Who are these people...? They are you and me...the “Mango people”...ordinary people living extraordinary lives.

People are not born Kalam Sahab or Swami Vivekananda, their lives become legends; where principles are concerned, they stand like a rock; where relationships are concerned, they flow like a river, they will laugh at their mistakes and can cry like a baby at what saddens them, they let life flow through them and yet they live with a higher purpose, an all fulfilling purpose which is not just good for them, but good for you and me, a purpose which goes beyond their daily emotions, the very thing which shall make me and you remember them with a smile on our lips and say he was a good man.

Alone, I will walk only to my grave but together, we shall live through this beautiful journey called life. Our train of life shall pass through a dark and dingy station, the stench will make us puke, the stillness ready to kill and before we realize the train passes through the cosy wee hours of the morning sunshine, the site of a smiling little boy selling hot tea and then it would suddenly get lost in the hustle and bustle of a busy metropolitan station and one day it will reach a destination only to start another journey.

People who achieve greatness are the ones who leave a legacy the future will look back upon as a guide to learn and live from; they are men and women who will keep redefining themselves through their trivia and trials in life and will leave behind a trail of a life lived with passion.

Let us find our calling in life...let us play!

Dr. Abhay Elhence
Associate Professor
Department of Orthopaedics
Kittu- The baby squirrel

One day, during our summer vacations, while we were having dinner, the door bell rang. I opened the door, to find one of my students, Arun EJ, carrying a baby squirrel in his hand which he had found fallen on the ground under a tree. I fed him milk using a dropper. The squirrel was very hungry and weak. It measured about 3 inches in length and had a thin scrawny tail. It could not move around much. I prepared a resting place for it using an old cardboard box and soft clothes.

The next day when I woke up, I saw that it was more active than before. We fed it 3-4 ml of milk every 2-3 hours. We searched the internet for information on how to rear a baby squirrel. We estimated it to be around 8-10 days old. Within 4-5 days, it started crawling within the box and began to climb onto my hand and fingers. It also started nibbling on my hand. We named it “Kittu”.

Since I had to visit my home in Delhi and Punjab, we took Kittu along with us in a wire basket and also brought it back with us to Jodhpur. About 6 weeks after we had found it, we started to introduce it to its natural surroundings and started releasing it in our garden for some time, under supervision. For the first two days, we brought it back inside the house at night. From there on, Kittu has stayed on in our garden and comes daily to the kitchen window from where we feed it nuts and fruits. I feel very happy to see it roaming around independently, back where he belongs.

Kittu outside our kitchen window, eating an almond

Dr. Pushpinder S. Khera
Assistant Professor
Department of Radiodiagnosis
Principle of paradigm shift

When I was advised three days of bed rest after being diagnosed with arthritis, the first thing I did was to read ‘The seven habits of highly effective people’ by Stephen R. Covey. He is an American educator, author, businessman and co-founder of the Franklin Covey Company, a leading global professional services firm. In this book, he explains the importance of principle centred living and developing habits that are based on those principles. And he strongly criticises the ‘personality ethic’ that has been considered as a quick and easy way to achieve quality of life - personal effectiveness and rich, deep relationship with other people - without going through the natural processes of work and growth that make it possible. This helped me to realize the fact that in all these years of education and struggle, I’ve been following this “quick fix” to attain my aims. May be many of us have been following it, without realizing the power of adopting effective habits that could have helped us in seeking meaning in our personal and professional lives rather than blindly following the glory of personality ethic.

Another principle he shares is that of ‘Paradigm Shift’ which I felt was quite adorable. Paradigm is the way we “see” the world - in the sense of perceiving, understanding and interpreting it. It is like a map; a map is not the real territory, it is just an explanation of certain aspects of it. That’s exactly what paradigm is. It’s an explanation, a theory or model of something. If we interpret our circumstances as a wrong paradigm, it’s just like having a wrong map. We can imagine the frustration we would have if we were in a strange place with a wrong map. He says it is pointless in working on our behaviour and attitude after having a wrong paradigm.

“Each of us has many maps in our head, which can be divided into two main categories; maps of the way things are, or realities and maps of the way things should be, or values. We interpret everything we experience through these mental maps. We seldom question their accuracy; we’re usually unaware that we even have them. We simply assume that the way we see things is the way they really are or the way they should be. And our attitudes and behaviours grow out of these assumptions” he says.

Then he makes his idea clear to the reader through one exercise. It is described elegantly in the book. It helped me to understand the importance of changing my paradigms and the concept of ‘paradigm shift’. I strongly recommend this wonderful book to all my friends to realize how we were seeing the world through the way we were conditioned all these years and not as it is. How we see the world is what we make of it; and there is no exact interpretation to the way things are. And I must say this book is not just a self-help type or inspirational kind, it’s a blend of wisdom and practical experiences.

Rilshad A.K
M.B.B.S. 2012

The journey of a thousand miles begins with one step.

- Lao Tzu
A beautiful message from a father to a son

'Son, life is like a book. It has numerous chapters. It also has many a lesson in it. It is made up of a wide variety of experiences and resembles a pendulum where success and failure, joy and sorrow are merely extremes of the central reality. The lessons to be learnt from success and failure are equally important. More often than not, failure and sorrow are bigger teachers than success and happiness. You are a cricketer and sportsman. You are fortunate to be representing your country, and that is a great honour. But never forget that this too is just another chapter in the book. Typically, let's say a person lives for seventy or eighty years or so. How many years will you play sport? Twenty years; if you are very good, maybe even twenty-five years. Even by that yardstick, you will live the majority of your years outside the sphere of professional sport. This clearly means that there is more to life than cricket. I am asking you, son, to keep a pleasant disposition and maintain a balanced nature. Do not allow success to breed arrogance in you. If you remain humble, people will give you love and respect even after you have finished with the game. As a parent, I would be happier hearing people say "Sachin is a good human being" than "Sachin is a great cricketer" any day.'

Excerpt from Autobiography "Playing it My Way" by Sachin Tendulkar

INSOMNIA

It was late on a Saturday night when someone knocked the door of my eyes "Sleep am I", said she and asked for some place to rest in my eyes. But, I couldn't lodge her there. Came back she on Sunday night but disappeared on getting the same reply.

Next day, she came with a better deal. "I've brought sweet dreams you'll love to see, a few memories you'll want to cherish and a sound sleep, you will enjoy. Can I get a little space today?"

On this sweet offer of hers, I couldn't say no, and allowed her to search for herself, a place in my eyes. Soon, to her despair, she noticed that no corner of my eyes was free from the memories of someone. "Is it your love?" asked she, to get the first answer in affirmative. "Then, please suggest me some other place where I can go for a rest."

I suggested, "Dear sleep, why don't you go and enjoy a place in eyes of the one I love. Let her enjoy a sweet sound sleep with lots of memories, she would love to cling to and dreams that'll come true. I'll manage here, on my own, with her memories as I've been doing for quite a long time."

Dr. Puneet Kumar Bagri
Senior Resident
Department of Radiotherapy
Argus II prosthesis promises light to the blind

The Argus retinal prosthesis or the “bionic eye” is an electronic retinal implant which aims to improve vision in hitherto untreatable cases of blindness due to retinal pathologies like advanced Retinitis Pigmentosa (RP). The Argus II became commercially available in March 2011 and received FDA approval in February 2013. It is currently being manufactured by the Second Sight Medical Products and costs around US$100,000.

The system has three parts: a small electronic device implanted in and around the eye, a tiny video camera attached to a pair of glasses, and a video processing unit that is worn or carried by the patient. The patient wears glasses with an attached video camera that captures images of the surrounding area. These images become an electrical signal which is processed by the video processing unit. The signal is then wirelessly delivered to the eye stimulating the retina. This electrical stimulation of the retina is recognized by the brain as spots of light.

Restoration of vision is very minimal but still very helpful for the functionally blind. The best visual acuity outcomes in clinical trials were 20/1260, and significant improvements in mobility and object detection were observed. Some adverse effects like conjunctival erosion were also reported. It does provide significant improvements in spatial orientation and mobility, allowing self-dependency for the legally blind.

Though limited availability and high cost would prove to be a hindrance to its widespread use in restoring vision in retinitis pigmentosa which affects around 1.5 million people worldwide. It is a welcome break-through in RP management.

Dr. Abhishek Onkar
Senior Resident
Department of Ophthalmology

Our lives begin to end the day we become silent about things that matter.

- Martin Luther King Jr.
How difficult it is to be a woman?

I had always considered that to be born in an educated middle to high class society was a great privilege for a girl because I had read and known that it was not so good for them in the lower classes and villages. My illusions shattered when I heard the story of her abuse from one of my best friends. Then it was a fire; friend after friend and then my sisters. I talked to them and many had an untold story. I felt the burden of rakhi and friendship heavy on my hand and heart. It was so much more acceptable to all these girls and women to bear remorse and hush about it rather than talk about what had gone wrong with their sex and them, with their parents & loved ones.

I had read about horrific stats earlier but I thought it was not possible. But, now I know, it is a grave reality. 35.4% women in India have suffered from sexual or physical violence by those other than their intimate partners (98% times someone known to them. UN Women 2011). 35.1% have suffered it by their intimate partner. That is if you have a daughter, there is a 4 in 10 that she has either been abused or will be in future and your ‘education’ or ‘societal’ status will have little bearing on that.

And of the personal stories I came across- a girl at the age 5 or 6 (that is my niece’s age) molested by a group of teenager boys in her neighborhood and when this girl comes of age and realized what had been done to her in childhood, she confronts them with the question- ‘Why?’.’ Why shouldn’t we enjoy a mini-skat (wearing) girl living near us’, was the reply she got from them with a big grin. A girl of 12 abused by her cousin, innocently spits out the events to her parents and family. Barred from going out, all phone calls regulated, threatened to be moved away from her friends into a girl’s only school and earned the title of ‘bad girl’. This is what she gets in the name of keeping her ‘safe’ before marriage. This is what she lives with for next 10-12 years. And her cousin gets a slap or two and some scolding.

‘It’s like entire life before marriage I have been imprisoned so that I may be transferred safely to another prison after it.’

Is it that difficult to be a woman? To be raised as one?
And if she ever falls in love, it is an end of her- either shunned by society, by ‘heart-broken’ parents ‘shamed’ by her act; or she kills a part of herself yet again and leaves her love, the one true choice she may have made in her life to keep everyone else pleased.

‘Most mothers would raise their boys like a prince, only if they had known what raising a prince meant beyond doting them.’

A man who treats all women with respect and dignity of a princess is the one who has been raised by parents who have been queens and kings at heart. Such is the impact of upbringing. It is not about a man’s sensual appetite but is about how he was not taught to tame it like he was taught about hunger and thirst. If only sexuality was not a taboo and people were wise, who can say how many souls would have been saved? Who knows what true colors a girl who is a free butterfly within would show to the world? It would only be possible if we rise above our animal appetites. Maslow’s triangle of needs is a very apt evidence to this preposition.

Sexual abuse against children and women is a grave truth. The sooner we acknowledge it, the better it would be. If you are parents of a daughter reading this, go ask her if there is something she has not told you. Don’t judge her, listen to her. Empathize with her past and acknowledge her aspirations for the future. Give her honest chances to open up. Be guardians of her wishes & aspirations & not sentries of her enclosure.

Anonymous

Contributed by:
Abhijeet Singh Barath
M.B.B.S. 2012
शक्ति

उठी थी जब आज कलम, मौं भारती के वंदन में,
चुनौती थी एक पुकार मैंने, भारत माँ के रूढ़न में।
पुकारती है वह वाणी अब, शक्ति का तुम दूजन करो,
इस मंदिर के तुम दीपक हो, अपने कर्तव्यों का मनन करो।

धरा हुआ आज चारों ओर, भारत माँ का ड्रामन है,
मानव के उन कुकर्मों से, चुटिल हर मल है।
शक्तिवाद, आतंक, अमानवता खा गए हैं बन दीपक,
रोने की इस चिड़िया की, कब तक लौटेगी चमक।

जागो नौजवानों तुम अब, परिवर्तन का समय आया है,
नाश करो तुम उस संकट का, जो भारत माँ पर छाया है।
भारत माँ की इस कोख का, अब तुम तो न अपमान करो,
याद करो परम वीरों को, हिल में एक संकल्प धरो।

है दुश्मन जो सच्चा पर बैठे, अंधों से कम नहीं,
लूट रहे जो जन्मभूमि को, रास्ता है वो इंतजाम नहीं।
विश्वदर रुपी इन पापियों पर, बन दुर्गा तुम प्रहार करो,
गाँधी बनो या भगत बनो, देश को फिर आजाद करो।

यश कुमार,
एम.बी.बी.एस. 2012
ज़िन्दगी

मोड-दूर-मोड़, लक्ष्य हर पाने में, जाने कहाँ खो गयी जिन्दगी,
खुद ने बनाये इंसान, लेकिन ज़मी पर मस्ती हो गयी जिन्दगी,
स्वार्थ को दिखाया में पाने ये प्राण, कहाँ अपना ज़मीर खो गये,
दौड़ रहे सब कुछ पाने को, अपना अस्तित्व लेकिन भूल गये।

सुख के बेगुम में ये कॉकटिल के जंगल, ये डायमंड के बीड़ा,
अस्तित्व से जुड़े वो प्रकृति संग रिश्ते, अब होते पत्थर कॉकटिल
फर्ती कारों में ये रफ्तार भरी जिन्दगी, अब पहले सी व्यंग्य नहीं,
गगनचुंबी इमारतों में हर पल घुटने जिन्दगी, अब पहले सी व्यंग्य नहीं।

आधुनिकता की डौड़ में पल-पल जरूर हमें रीति रिवाज,
पार्श्वदृश्य तक तक की नकली रोशनी में चमकाता ये समाज,
Social Media के फंदों में रंगों से दूर ये जिन्दगी।
हजारों अजनबी यारों के बीच में भी आकृति ये जिन्दगी।

दिल से जुड़े समस्याओं का स्वार्थ के सवारूज में हिसाब,
अपनी ज़मी छोड़-भूलकर, तारे तौड़ने के ख़ियाब,
गली के खेल रिखली ने छोड़ T.V. Computer संग जिन्दगी,
Perfection की खोज में बचपन को खोती ही जिन्दगी।

अर्जून के देश में अपने लक्ष्य से भटकती जवानी,
कृष्ण के देश में फिर चौर-हरण दिखाती ये गद्दानिया,
मन की पहलियाँ को शाला के आईने में खोजती जिन्दगी,
अब पहले सी क्यों नहीं।
अपनी खुदशी सबसे ऊपर मान, और को जख्म देती जिन्दगी,
अब पहले सी क्यों नहीं।

यश कुमार,
एम.बी.बी.एस. 2012
कुछ सवाल

विपदायें विकट हैं, सामने संकट हैं।
मन में आज कुछ, सवाल हुये प्रकट हैं।

दृष्टि को अब यह समाज, क्या यूं ही सहलता जायेगा,
संस्कृति का अब घोर पतन, क्या जल्दी ही हो जायेगा?
माताएँ और बहनें यूं ही लक्जत होती रहेगी क्या?
अनंतकाल तक यूं ही दौरपी चीर हरण को सहेगी क्या?

क्या जयचंद्र के वंशज अब भी इस समाज में जन्मेंगे
क्या मानव के चोले के भीतर अब भी सार्थ ही पल्पेंगे?
औरंगजेब की सता यूं ही चलती रहेगी कब तक
अत्याचार की चकमकी में मानव, पिपला रहेगा कब तक ||

जैंच-नीच और छुआघूल को क्या हम छोड़ पायेंगे,
या फिर यूं ही पतन की ओर बढ़ते जायेंगे?
रंग-रंग में बसा ब्रह्म तंत्र क्या कभी खत्म होगा,
भूताचारियों का प्रयास क्या कभी विफल होगा?

क्या कृष्ण अवतारित होंगे यह समाज सुधारने को
क्या अर्जुन धर्में गाण्डीव यह विश्व बचाने को?
क्या भीम उदारीये गौडा पापियों को मिटाने को
या जगजनन यूं ही रोपेगी अपनी लाज बचाने को ||

या फिर कोई और योद्धा इस भूमि पर आयेगा
आकर इस धरा पर वह मानवता के दुख मिटाएं?
क्या कभी पुनः भारत इस जग का विश्वसुयुक्त होगा?
क्या कभी फिर एक नया युग शुरू होगा ||

नवीन महेश्वरी
एम.बी.बी.एस. 2014
तहज़ीब के खंडहर

आज के बिगड़े हुए, माहौल के मंजर न दो।
ये तो रिवलने हुए फूल है, डाकुओं के चम्बल न दो।

ये अभी बच्चे हैं अपनी काट लेने अंगुलियों।
हाथ में इनके कोई चाकू या खंजर न दो।

इनकी आँखों में अभी जलते हैं, रात्रियों के दीये।
इन निगाहों में अभी, धूल के अंधाड़ न दो।

ये न हो, दुनिया के जंगल में भटकते ही रहें।
रास्ता इन्हीं को तो दे चाहे कोई मंजिल न हो।

ये तुम्हीं को देखकर सीखेंगे, जीने का जतन।
तुम विरासत में इन्हें, तहज़ीब के खंडहर न दो।

प्रभुद्वार कुमार
एम.बी.बी.एस. 2012
ধূল

किसी ने धूल क्या झूकी आँखों में,
पहले से बेहतर नज़र आने लगा हैः

मेरी स्वागत त्रांगों पर नाज़ाहिर खूबशी,
और ज्ञान की कतारों में नाज़ाहिर औँसूं
अब नज़र में आने लगा हैः

धूल का आँखों से दिल तक सफर,
और उस धूल से दिल का पथराना नज़र आने लगा हैः

किसी ने धूल क्या झूकी आँखों में,
पहले से बेहतर नज़र आने लगा हैः

नज़र इस कड़वा हुई है बेपर्दा,
जो लगता था करीब दूर नज़र आने लगा हैः

इस कड़वा उतरा है नकलियत का चश्मा,
इंसान के मुखबिंद से शैतान का अकस नज़र आने लगा हैः

नज़र आने लगा हैः अकेलेपन की सुराही में मीठा सा पानी,
इंसान से बेहतर अकेली शामों का साथ,
नज़र आने लगा हैः दर्द-ए-फुरकत बेमानी,
खुशनसीम नज़र आती है आँखें, यास का मिला जो तजुर्बा इंसानीः

महर्बांद बातों में लिपटे खुदगर्ज इरादों पर,
मुख़पुराना आने लगा हैः

किसी ने धूल क्या झूकी आँखों में,
पहले से बेहतर नज़र आने लगा हैः

इंतकाल - मीठा
दर्द-ए-फुरकत - अलगाव का दर्द
यास - निराशा

- मानवेन्द्र सिद्धे तैबर
एम.बी.बी.एस. 2012
Finally I got time
For watching the clear night sky
The milky moonlight
Spreads across my mind.

The gem stars stand still
They look so small
But they shine scattered
Distant relatives of the earth.

These make us happy always
But we keep on searching
In money and competitions
For Happiness in our busy life

Finally I got time
I realize where happiness resides
It resides in my garden
It resides in my sky.

Amit Kumar
M.B.B.S. 2015
"A desire"

A desire to talk to her,
Peeps out through my eyes,
My heart roars, but alas!
My motor unit denies.
To deal with the odd,
Bleeds my planning brain,
But destroying my virtuality,
The real she causes my plans to drain.
Even sometimes the wind blows for me,
My pioneering efforts are now reality,
But some extinct before they start,
And the efforts are wasted by this frugality
But a speck of my hearty dust,
Surely predicts that I will succeed,
Filling my bike's pillion seat and,
Writing something like this to read.

Ayush Dangayach
M.B.B.S. 2014
“इशारों सी उम्मीद”

मुशिकलों के ऐसे वक्त में,
एक लम्हा आसान भी था।
हर मनहूसी, हर तकलीफ में,
एक उण्डा एहसास मन में था।
नाउम्मीदी के आकाश में,
एक तारा रोशनी का भी चमका था।
यूं ही आंसुओं में भीगती रही थी,
समुद्र प्यासा था, पर सूखा न था।
भर कर गमों और तकलीफों को खुद में,
अब देखो! कैसे सो गया है ना।
शांत लहरों की आवाज में,
नई खुशियों का आसरा भी था।
आसमान की उँचाईयों में,
मेरी रवाहिनियों का जहान भी था।
यूं ही बिखरती रहीं,
रास्ता धुंधला था पर अंधेरा न था।
हंसते-मुस्कुराते कट जाये उम्रें,
ऐसा हसीन तो रवाह भी न था।
फिर हकीकत को तोलने पर,
किया जो मालूम वो तो ‘जिंदगी’ का इशारा था।
जो मुशिकल भरे ऐसे वक्त में,
एक लम्हा आसान भी था,
एक लम्हा आसान भी था।

दिव्या ताराचंदनी
एम.बी.बी.एस. 2013
मुस्कुराहट

मुस्कुराहट छोटी सी-
खुशियाँ के पल लौट देती है,
मन में छोटा सा आशायाँ बना देती है,
हारती हुई जिंदगी को,
उम्मीद की चमक दिखा देती है।

मुस्कुराहट छोटी सी-
तुम्हें दूसरों से ऊपर उठा देती है,
दुख के लम्हों को आसान बना देती है।

हाँ माना!
कुछ पलों के लिए जिंदगी मुस्कुराना ही भूल जाती है,
और छोटी-छोटी खुशियों से भी,
चुभन का प्रहसास कराती है।

उस कठोरते से भागती मैं,
जिंदगी से कोसों दूर चली जाती हूँ।
इतनी दूर! कि दिल पर बोझ के सिवाय
कुछ नहीं खोज पाती हूँ।

मगर जिस दिन हारी हुई जिंदगी से,
मेरी मुस्कुराहट जीत जाती है,
मेरी चाहत मेरी जिंदगी को मंजिल की ओर ले जाती है।

और मैं मुस्कुराते हुए आगे चली जाती हूँ,
मुस्कुराते हुए आगे चली जाती हूँ।

दिव्या ताराचंदनी
एम.बी.बी.एस. 2013
The Doctor's Son Had Won...

One fine evening,
To the most respectable man in the society,
Was born a son.
“Thank you, dear”, the father kissed the mother's forehead.
“Doctor, you have a case”, announced the nurse.
“I have to go.” He left the room,
Leaving the mother and the new born smiling.
The doctor's son had won,
Defeating all complications of pregnancy.

The son was now two years old.
While he played in his mother's lap,
He held his father's hand, and pronounced for the first time—"papa",
The father hid back his tears of ecstasy.
The phone rang, “Doc, you have a case”,
“I have to go.” The father's hand slipped from the child's grip,
Fading away his smile.

Now at the age of five, the child waited on his birthday.
Gifts, wishes all came and he wanted that his father,
Must not be late.
About to cut the cake, his father came and,
The birthday was celebrated with grandeur and fame.

Grown up at seven, the child waited for his father to help him with his homework.
“I'll be there soon, son.” It was midnight,
The child smiled in spite.
But the wait only grew.
“Almost there.” The father replied to his half dozed son.
The doctor entered late and,
His son could not have been in a happier state.
Tired as he was, the father slept beside his son and his notebook.
The son got him a bedding and blanket and stayed awake,
To complete what remained.

Embracing his first success, at the age of ten,
The DOCTOR'S child had won.
His name was called for his award and the proud parents climbed up the stairs with their son.
On the last stair, the phone rang.
“It's an emergency, Sir”.
The father looked into his wife's eyes.
Acknowledging he said, “You should go, Papa” and
Smiled the doctor's son.
With the best smile on his face and tears in his heart,
The father left.
The family proceeded to their respective ways with pride.
THE DOCTOR'S SON had once again, WON!

Shubham Manchanda
M.B.B.S. 2014
दिल्ली दर्शन

यह कविता मेरी कलम से तब निकली थी जब मैं पहली बार व्यालियर जैसे वेहारी शहर से दिल्ली जैसे बड़े शहर में एक छात्र के रूप में गयी थी, जो भी जे.एन.यू. जैसे विश्वविद्यालय में, जहां सोच भी मुख्यधारा को चुनौती देती है। कुछ समय बाद दिल्ली भ्रमण का समय निकला गया तो दिल्ली हमें कुछ पूंजी नजर आयी।

निकल हमने अपने गाड़ से घूमने यारों दिल्ली आज,
एक अलग ही बसती हैं ये इसका एक अलग अंदाज।
मुक्किलों और तकलीफों की
देखो वो ऊंची कुटुबमीनार,
हर पल बढ़ती जाती है
लेती रहती है आकार।
इसकी कस्क किसी देशों
हर दिल इसका हुआ शिकार,
इस पर चढ़ने को तड़प है
मेरा दिल भी यारों आज।
एक अलग ही बसती है ये इसका एक अलग अंदाज।

प्रशासन का लाल किला है
हे जिसकी अलग ही शान,
इसमें एक दीवार वरास
और एक दीवार आम।
किसकी कौन बताए यारों
सबका एक यहाँ हमाम
मुंदी भर कुछ लोगों का
चलता देखो इस पर राज।
एक अलग ही बसती है ये इसका एक अलग अंदाज।

कॉन्ट प्लेस, चाँदनी चौक
बिकते है जहाँ अरमान,
इलाज़, भोजन, कपड़ा सब है
बसती में है दिल विराम।
एक सुनहरे पल की उत्साहर
हर पल बिकता है इंसान
कूड़े का एक देर यहाँ है
तथाकथित है सभ्य समाज।
एक अलग ही बसती है ये इसका एक अलग अंदाज।
जब चाहा कुछ और भी देखूँ
हर पण पर था जंतर-मंतर
गाम के सननाटे में भी है
एक धंसी की वो आवाज़।
एक अलग ही बसती है ये इसका एक अलग अंदाज़।

मैली उजली पोशाकों में
अजब-अजब से गुल्ले गुल्लिया
कुछ अपरिपूर्व जरूर मर्द
कुछ बिना जवानी को गुल्लिया

दिल ने चाहा लगे हाथ
मेरे कोई जाूँई पुढ़िया
डाँड़ म्यूजियम है ये यारों
क्या बतलाउँ तुमको आज़।
एक अलग ही बसती है ये इसका एक अलग अंदाज़।

राजकीय समाधियां भी देखी मैंने
सपना समुद्र तक है जहाँं दफ़न
एक प्रगति मैदान है यारों
है किसी नुमाइश की लगान

कुछ हैं पार्क जिनकी मस्ती में
कुछ मनमोली हैं मगन
हर एक गली कुंदे में
छिपे हुए हैं किलने राज़।
एक अलग ही बसती है ये इसका एक अलग अंदाज़।

डॉ. ओम लता भगत
सहायक आचार्य
शहीर क्रिया विज्ञान विभाग
मातृभूमि, माँ और मानवता

जन-जन में जहाँ बसे हों महात्मा, बोस, आजाद और कलाम,
समस्त विश्व को जिसने दिया धर्म, अहिंसा, ज्ञान-विज्ञान का सलाम,
स्वतंत्रता का अर्थ दिखाया हमको और बनाए सुदृढ़ करम,
वीरों के बलिदान ने सीचा जिसको और गुरुओं को जहाँ हम समझें अतुल्य ब्रह्म,
ऐसी जिस मादी की उत्पत्ति हम,
उस मातृभूमि को नतमस्तक हमारा शीर्ष नमन,

पग-पग जिसने संभाला हमको और बनाया अजेय-अगम,
हम सदैव रहे मुर्ति-घराते, चाहे उसका जीवन रहा हो एक समर,
प्यार, त्याग, प्रेरणा की वो अहिंसी रेतिबिम्ब,
स्वयं स्वरंभू भी जिनकी स्तुति करें अविमय,
जिसने सृजन किया मातृभूमि की सेवा हेतु,
उस माँ को नतमस्तक हमारा शीर्ष नमन,

जाति-धर्म की बंदिशों से मुक्त करे जो हमें और बनाये एकजुट संसार,
परोपकार परमो धर्म सदैव और सहिष्णुता हो जिसका अलंकार,
ऐसी जिस कर्मस्थली के कुलोधय हम,
उस मानवता को नतमस्तक हमारा शीर्ष नमन,

माँ की ममता, मातृभूमि की दुःखंता से प्रशस्त,
प्रण करें बारबार, प्रण जबतक न हो असत,
हम चिकित्सकों की हो मात्र एक ही विजय हुंकार,
हमारा कण-कण हो मानवता की कर्मभूमि पर न्यौछावर, बनकर एक त्यौहार।

डॉ. अभिषेक ओंकार
सीनियर रेजिडेंट
नेट्र चिकित्सा विभाग
"YOU"

I talked with you for days,
Still it feels like decades,
The feeling you shared painted,
My life with different shades,
Your hotty-shotty style,
Your million dollar smile,
Your crazy stupid things,
Your mischievous devil's winks
You are like a chipmunk,
That hoops with happiness
The moon with eternal shine,
That no sun can suppress
Behind the twinkle craziness,
There lies a little heart
Anyone will fall for you,
From where you have learnt that art
Brought back from dead to life,
The time I spent with you,
For all you have done for me,
This one's for you......... This one's for you....

Krishna Singh
B.Sc. (Hons.) Nursing 2013
Riding back to Vistas

Yet another year has passed, and another one awaits in this campus of ours, among these friends we've made the year was definitely a memorable one, there was study & fun and madness & pun.

"Yes people do say, that life is a race and we know it well", our tattered shoes say.

All along on homespun grounds we drilled, were guided through each valley and hill but now our paths and ways are new, in the beginning we didn't seem to have a clue.

You'll say you've somehow found your way, and speeding along on the same each day though summers are blazing & winters freezing, your decision doesn't seem to me very pleasing.

It might be time to give a look, at a map (which you had never took!) no map in hand, nothing yet planned, and walking you are on this overstretched sand!!

Don't worry, don't panic, just give it a pause; and open your mindgates for my little clause.

Let's look behind few years in rewind, to see how, we evolved each day, and made our place in our new niche.

When we were full of hopes & dreams some adopted this life in a quest for ecstasy others had it very well in their genes, fulfilling their family legacy.

Remember that "you", remember that zeal, that passion you said, no one could steal then how come just some fortnights grey, were enough to carry that away?

Arise! Look back, and rifle through that bag you might just find a thing worth gold though stashed in a corner, tattered & old with ambitions very familiar, you once behold that is your map which can bring you back to the vistas you dreamt, where your eyes can see you in a form you always meant to be

If given a chance we would turn back time and alter those moments which didn't suffice.

But little do we do to value the present to ensure it is all we want & all we ever wanted cause this present will be past soon and the power will be lost soon to make this moment different differently yours.

VANDANA SWAMI M.B.B.S. 2013
My biggest wish for my country

I wish my country to be free,
Free from poverty and disease,
Where everyone should live with ease.
No hunger, no thirst, no ill health,
Let there be equal distribution of wealth.
Where every child should go to school
And know how to use knowledge as a tool.
Proper food, shelter and clothing,
No child should be deprived of anything.
No eyes should sleep with tears,
No heart should live with tears.
No rich, no poor, no caste or creed,
Let everyone give up their greed.
I wish my country to be free,
Free from poverty and disease.

Dr. Daisy Khera
Assistant Professor
Department of Paediatrics
प्रकृति

प्रकृति हमारी मुझ्को प्यारी
सृष्टि हमारी सबसे न्यारी
कोयल की कूक, शेर की दहाड़
झरने, नदी, पेड़ और पहाड़
हरे-भरे हॉं सारे उपवन
देख खुशी से झूम उठे मन
रिम-झिम, रिम-झिम, वर्षा आये
मोर नाचे, मैना गाये
रंग-बिंगो फूल खिले
वृक्षों पर मीठे फल मिले
रोज सवेरे सूरज चमके
रत हुए तो चंद्र जाने
आसमान में चमके तारे
कितने सारे, कितने प्यारे
प्रकृति हमें यही सिखाये
हर दम खुश रहे, मुस्काए

डॉ. डेजी खेरा
सहायक आचार्य
शिशु रोग विभाग
मेरे सभी आदरणीय गुरुजनों को शिक्षक दिवस की शुभकामनाएं

ऋण है मुझ पर

ज्ञान पुंज संचार का ऋण है
अर्थ पूर्ण आकार का ऋण है
ऋण है मुझ पर सत्य बोध का
कलम के दिव्य उपहार का ऋण है

कठिन है कोया काव्य पढ़ना
चाक चलाकर मानव गढ़ना
नमन है ऐसे शिल्पकार को
उस दिव्य कला श्रृंगार का ऋण है

कोई बीज से पोध उगाता
पुष्प बीज फिर बाज़ा सजाता
जैसे दीपक दीप की पंक्ति जलाता
वैसे ज्ञान भी कठ बदल कर आता
इस कठ से उपजे ज्ञान का ऋण है
मेरे इस सम्मान का ऋण है

नमन आपको नमन है गुरुजव
इस नमन शब्द के बोध का ऋण है
ज्ञान पुंज संचार का ऋण है
अर्थपूर्ण आकार का ऋण है।

आशा सचदेव
एम.बी.बी.एस. 2014
As you set out for Ithaka
hope the voyage is a long one,
full of adventure, full of discovery.
Laistrygonians and Cyclops,
angry Poseidon—don't be afraid of them:
you'll never find things like that on your way
as long as you keep your thoughts raised high,
as long as a rare excitement
stirs your spirit and your body.
Laistrygonians and Cyclops,
wild Poseidon—you won't encounter them
unless you bring them along inside your soul,
unless your soul sets them up in front of you.

Hope the voyage is a long one.
May there be many a summer morning when,
with what pleasure, what joy,
you come into harbors seen for the first time;
may you stop at Phoenician trading stations
to buy fine things,
mother of pearl and coral, amber and ebony,
sensual perfume of every kind—
as many sensual perfumes as you can;
and may you visit many Egyptian cities
to gather stores of knowledge from their scholars.

Keep Ithaka always in your mind.
Arriving there is what you are destined for.
But do not hurry the journey at all.
Better if it lasts for years,
so you are old by the time you reach the island,
wealthy with all you have gained on the way,
not expecting Ithaka to make you rich.

Ithaka gave you the marvelous journey.
Without her you would not have set out.
She has nothing left to give you now.

And if you find her poor, Ithaka won't have fooled you.
Wise as you will have become, so full of experience,
you will have understood by then what these Ithakas mean.

C.P. Cavafy
(C.P. Cavafy, Collected Poems. Translated by Edmund Keeley and Philip Sherrard)

Contributed by -
Dr. Poonam Abhay Elhence
Associate Professor
Department of Pathology
मुस्कान तुम्हारी -
आसमां पर चमकता चाँद नहीं
राह दिखाता दीप है,
फूल का रंग नहीं
फूल की खुशबू है,
कृत्रिम आवरण नहीं
सहज आभूषण है।

मुस्कान तुम्हारी -
तुम्हारी आत्मा है।

इसे अपने होठों से अलग मत करना।

डॉ. अमित गोयल
सहायक आचार्य
कान, नाक एवं गला विभाग
Brijrani Singh, MBBS batch 2014
MOTHER AND CHILD

Vandana Kapoor, MBBS batch 2014
PEACOCK

Rishitha Pravallika - MBBS 1st Year
Guitar Sketch

Henuka Verma, Mbbs 2nd Year
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